



NAM COLLEGE KALLIKKANDY

(Affiliated to Kannur University, Accredited by NAAC with B Grade)

KALLIKKANDY (PO), KANNUR DT, KERALA, 670693

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Criteria 2- Teaching- Learning and Evaluation

2.5. Evaluation Process and Reforms Teacher Profile and Quality

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Continuous Internal Evaluation is an integral part of the higher education system. Until the academic year 2009, evaluation was done on an annual basis. According to the choice-based credit semester system (CBCSS) of Kannur University, 20% of marks are awarded on the basis of the continuous internal evaluation. In theory courses, 25% of the total internal mark is allotted for attendance, 25% for assignment and seminar and 50% for a test paper. In practical courses 25% is allotted for attendance, 50% for lab involvement and record work and the remaining 25% is given for test papers.

Academic monitoring Committee

The college has an Academic Monitoring Committee (AMC) and at the beginning of each academic year the Principal convenes a meeting of the Committee and Heads of departments to discuss the commencement and modes of conducting the internal evaluation. This schedule of internal assessment is prepared by each department following the framework of the college academic plan. Directions are given to the faculty members as to the time and mood of internal evaluation.

Internal examinations

Following the Kannur University guidelines, the college introduced 2 internal tests in each semester, evaluation through seminars and assignments, regular monitoring of practical sessions and meticulous records of student attendance. Two internal examinations - mid semester examination and model examination- are conducted every semester for all programmes. Students and staff are also provided with an academic cum examination calendar containing the tentative schedules of internal and external examination. The answer scripts are valued and returned to the students and the marks awarded are also recorded. In addition to this, class tests are conducted at periodic intervals to facilitate the comprehension of lessons taught.

Assignments, Seminars and Viva-voce

Students are required to submit assignments to the concerned course teacher as part of supplementing the given syllabus. The assignments are evaluated and returned and the marks are recorded. Students are given the chance to present seminars on topics relating to the course. The student is evaluated in terms of presentation, structural content of the seminar and also on the interaction following the seminar. Along with seminars, the student's knowledge of the subject is tested through viva-voce sessions.

Consolidated internal marks

The consolidated internal mark list for each course is prepared by the concerned teacher according to the norms of the university. The students are asked to verify the marks and affix their signatures to ensure that they have no grievance. Once the mark list is verified by the head of the department, it is ratified by the principal and submitted to the university.

Grievance redressal committee

The institution has a department level grievance redressal system relating to internal assessment. Students can register their grievance and request for a re-exam through a redressal form if they are unable to attend any aspect of the internal evaluation process. The request is scrutinised by the concerned teacher and the permission for reassessment is issued by the Head of the department. Following this, the students have a chance to request a retest or a revaluation.



N.A.M COLLEGE KALLIKKANDY

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Run by : MUSLIM EDUCATIONAL FOUNDATION (Reg No: 353/86) PANOOR

THREE - TIER INTERNAL CONTINUOUS EVALUATION

GRIEVANCE REDRESSAL SYSTEM

1	Principal	----	Chairman
2	Head of the Department	----	Department level convenor
3	Teacher in charge	----	Member


PRINCIPAL
N.A.M.COLLEGE, KALLIKANDY

Kallikkandy

05-10-2017

NOTICE

This is to inform you that, Third and Fifth semester UG and III PG, Model Examination is scheduled to conduct during the third week (16-10-2017 to 20-10-2017) of October 2017. All HoDs are directed to make all arrangements beforehand in order to complete the examination on time and submit question papers and mark list to Academic Monitoring Committee as directed.



PRINCIPAL

N.A.M. COLLEGE, KALLIKKANDY
P.O. KALLIKKANDY, KANNUR DIST.
KERALA - 670 698

N.A.M COLLEGE KALLIKKANDY
III SEMESTER BSc DEGREE MODEL EXAMINATION OCT 2017
COMMON COURSE IN CHEMISTRY
3A12 PCH: POLYMER CHEMISTRY – II

Time : 3 Hrs

Max marks : 32

SECTION A: Answer all Questions: ONE mark each: $5 \times 1 = 5$

1. What is the role of surfactants in emulsion polymerization?
2. What is CMC in emulsion polymerization?
3. Define Dp.
4. What is meant by bound solvent and free solvent?
5. What is kinetic chain length

SECTION B: Answer any 4 questions: each carries 2 marks: $4 \times 2 = 8$


6. Write any two advantages and disadvantages of suspension polymerization.
7. Differentiate between initiators and inhibitors. Give egs:
8. Derive Carothers equation. Write the significance.
9. What are the characteristics of cationic polymerization?
10. What is solution polymerization?
11. Distinguish between swelling and dissolution of polymers.

SECTION C : Answer Any 4 questions: 3 marks each: $3 \times 3 = 9$

12. What is meant by three dimensional network polymerization?
13. Discuss emulsion polymerization?
14. Explain gradient elution technique.
15. Explain the thermodynamics of polymer dissolution.
16. Briefly explain 3D network Polymerization.

SECTION D : Answer any 2 questions : 5 marks each: $2 \times 5 = 10$

17. Discuss the kinetics of catalyzed and noncatalyzed polycondensation reaction.
18. Discuss free radical polymerization.
19. Give an account of GPC. How is it useful in polymer fractionation?
20. What are different techniques of polymerization? Discuss bulk polymerization.


Dr. MUHAMMAD ISMAYIL K.M
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NAM COLLEGE KALLIKKANDY- DEPARTMENT OF POLYMER CHEMISTRY
V SEMESTER BSc. Degree Model Examination- October 2017
CORE COURSE IN CHEMISTRY - 5B09 CHE -PHYSICAL CHEMISTRY I
TIME: 3hrs

MARK: 40

SECTION A

(Answer all questions. Each carries 1 mark)

- 1- What is the significance of Vander Waal's constants?
- 2- Write the Miller indices of a plane having intercepts $1a$, $-2b$, $-2c$.
- 3- What is CST?
- 4- What is collision frequency?

SECTION B

(Answer any Seven questions. Each carries 2 marks)

- 5- State and Explain trouton's rule.
- 6- Briefly explain azeotropic mixture with eg.
- 7- Write notes on vacancy theory of liquids.
- 8- State continuity of states.
- 9- What are superconductors? Give egs.
- 10- Calculate critical temperature of n - hexane if its Boyle temperature is 68.9°C ?
- 11- Explain Debye Scherrer powder diffraction method.
- 12- Calculate rms velocity of methane at 37°C .
- 13- Calculate critical constants of a gas if it's $a = .751 \text{ dm}^3 \text{ atm mol}^2$ and $b = .0226 \text{ dm}^3 \text{ mol}^{-1}$.
- 14- A solution containing 2.44g of a solute dissolved in 75g of water boiled at 100.413°C . Calculate molar mass of solute if $K_b = .52 \text{ K Kg mol}^{-1}$.

SECTION C

(Answer any Four questions. Each carries 3 marks)


- 15- What is parachor? Give its two applications.
- 16- Derive Bragg's equation.
- 17- Derive an expression for Boyle temperature, $T_B = a/Rb$
- 18- Explain the principle of steam distillation. Find the expression for molar mass from it.
- 19- Explain Maxwell distribution of molecular velocities. How temperature effect on Maxwell distribution curves.?
- 20- At 25°C osmotic pressure of human blood is 7.65 atm. Assuming that molality equals molarity, calculate freezing point of blood if $K_f = 1.86 \text{ K Kg mol}^{-1}$.

SECTION D

(Answer any Two questions. Each carries 5 marks)

- 21- a) Describe the measurement of surface tension by capillary rise method.

- b) Surface tension of water is 68.3 dynes/cm. Calculate energy required to disperse one spherical drop of radius 2.6 mm into spherical drop of radius 2.6×10^{-3} mm
- 22- Molybdenum forms BCC whose density is 12.96 g/cm^3 .
- a) edge length of unit cube.
 - b) distance between (1,1,0) and (1,1,1) planes.
- 23- a) What are the causes of deviation of real gases from ideality?
b) Derive Vander Waal's equation of real gases.
- 24- Derive an expression for elevation in boiling point using thermodynamic concept and define K_b .



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NAM COLLEGE KALLIKKANDY- DEPARTMENT OF POLYMER CHEMISTRY
V SEMESTER BSc. Degree Model Examination- October 2017
CORE COURSE IN CHEMISTRY
TIME: 3hrs
5B08 CHE – INORGANIC CHEMISTRY II
MARK: 40

NAME:

Reg. No:

SECTION A

(Answer all questions. Each carries 1 mark)

- 1- Explain the toxic effect of Hg?
- 2- What is the most stable state oxidation state of Cerium? Why?
- 3- What is cement?
- 4- Calculate CFSE of $[\text{Fe}(\text{CN})_6]^{3-}$?

SECTION B

(Answer any Seven questions. Each carries 2 marks)

- 5- Explain froth flotation technique?
- 6- Explain biological fixation of nitrogen?
- 7- What are the transactinide elements? Give preparation of any two?
- 8- What is the theory of wet corrosion?
- 9- What are the metallo enzymes? Give two enzymes of Zn?
- 10- Give the limitations of VB Theory?
- 11- What is spectrochemical series?
- 12- Explain electro metallurgy and hydro metallurgy?
- 13- Calculate EAN of a) $[\text{Fe}(\text{CN})_6]^{3-}$ b) $[\text{Co}(\text{NH}_3)_6]\text{Cl}_3$
- 14- What are the active and passive transport?

SECTION C

(Answer any Four questions. Each carries 3 marks)

- 15- What is sodium potassium pump? Explain?
- 16- What are the factors affecting corrosion?
- 17- Explain about the biological functions of Cu, Fe and Cr?
- 18- Explain the separation of lanthanides by ion exchange method?
- 19- What are chelates? Give any two applications of chelates?
- 20- a) Draw the crystal field splitting in octahedral field? b) Calculate the CFSE of $[\text{Co}(\text{NH}_3)_6]^{3+}$?

SECTION D

(Answer any Two questions. Each carries 5 marks)

- 21- Describe about structure of hemoglobin and its role in oxygen transport?
- 22- What are the factors affecting stability of complexes?
- 23- Draw and explain the CFS in octahedral and tetrahedral complexes?
- 24- What is lanthanide contraction? Discuss the causes and consequences?

for 

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NAM COLLEGE KALLIKKANDY- DEPARTMENT OF POLYMER CHEMISTRY
III SEMESTER BSc. Degree Model Examination- October 2017
COMMON COURSE IN CHEMISTRY
3A11 PCH – POLYMER CHEMISTRY I

TIME: 3hrs

MARK: 32

NAME: _____

Reg. No: _____

SECTION A

(Answer all questions. Each carries 1 mark)

- 1- Give the full form of PAN.
- 2- Write an example each for addition and condensation polymers?
- 3- Give two egs for molecular weight determination.
- 4- Give two examples of thermosetting polymers?
- 5- Give any equation for calculating number average molecular mass of a polymer?

SECTION B

(Answer any 4 questions. Each carries 2 marks)

- 6- Identify the functionality of following monomers?
Styrene, malic acid, tartaric acid, ethylene
- 7- What is PDI?
- 8- Give two egs of polyester type of polymers with their monomers.
- 9- Write a note on end group analysis?
- 10- What are graft and block copolymers?
- 11- Write a note on GPC?

SECTION C


(Answer any 3 questions. Each carries 3 marks)

- 12- What are homopolymers? How do they differ from copolymers?
- 13- What are fibres? Distinguish between natural and synthetic fibers with egs?
- 14- Define synthetic rubber?
- 15- Explain osmometry? Discuss membrane osmometry and how it is used to determine molecular mass of polymer?
- 16- What are resins? Write note on urea formaldehyde and melamine formaldehyde resins?

SECTION D

(Answer any 2 questions. Each carries 5 marks)

- 17- Describe the classification of polymers based on molecular forces.
- 18- Explain various factors which affect the mechanical properties of polymers.
- 19- Explain a) TGA b) DSC?
- 20- Write a note on a) Light scattering method b) Ultra centrifuge technique


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NAM COLLEGE KALLIKKANDY

DEPT;OF POLYMER CHEMISTRY MODEL EXAMINATION OCT 2017

Course title: Organic Chemistry -I 3B04CHE

Section A

(Objective type - Each carries 1 mark -Answer all 4 questions)

1. Give the IUPAC names of a) $\text{CH}_3\text{-CH(OH)-CH}_2\text{-CO-CH}_3$ and
b) $\text{CH}_3\text{-CH}_2\text{-CH}_2\text{CHO}$
2. Write the structural formula of a) 3-ethyl-2-methylpentane
b) 2-chloro-4,4-dibromopentane
3. What is 'nitrene'?
4. How is methanol converted into ethanol?

[4x1=4 marks]

Section B

(Short answer type - Each carries 2 mark -Answer 3 questions out of 5)

5. Give a method for the preparation of 1,2 dihalides from acetylene.
6. What is the product of ozonolysis of 1-propene?
7. Predict the product when 2-bromobutane treated with KOH and ethanol?
8. How would you differentiate between 1-Butyne and 2-Butyne?
9. Distinguish between electrometric and mesomeric effect?
10. Account the formation of cis product on the hydroxylation of alkene with OsO_4
11. Explain Victor Meyers test?
12. Outline the synthesis of Naphthalene and anthracene.
13. Explain the term electrophile and nucleophile with examples.
14. How is chloroform prepared from ethanol.

[3x2=6 marks]

Section C

(Short essay/problem type - Each carries 3 mark -Answer 3 questions out of 5)

15. Give two methods of preparation of VIC-and GEM dihalides
16. How are alkane synthesized by Kolbe's electrolytic method?
17. Discuss Hofmann's rule and the Saytzeff rule of elimination with examples
18. What are carbene? How are they generated? Explain about triplet and singlet carbene?
19. Give the preparation of primary,secondary,tertiary alcohol by using Grignard reagent?
20. What is homolysis and hetrolysis?


[3x3=9 marks]

Section D

(Long essay type - Each carries 5 mark -Answer 2 questions out of 4)

21. Discuss inductive effect and its influence in determining
a) Strength of carboxylic acid b) basicity of amines c) stability of carbonations?
22. Discuss the mechanism and stereochemistry of SN^1 and SN^2 reactions of alkyl halides.
23. Briefly explain the preparation, properties and uses of glycerol?
24. Explain the concept of hybridization with reference to ethane, ethene and ethyne.

[2x5=10 marks]


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NAM COLLEGE KALLIKKANDY

III Semester M.Sc. Computer Science Model Examination, Oct - 2017

MCS3E04 Design and Analysis of Algorithms

Max. Marks:80

Time : 3 Hours

Section-A

Answer any Ten questions. Each question carries 3 marks.

1. What is recursion ? What are its limitations ?
2. Explain time and space complexity.
3. What is the difference between forward and backward approach ?
4. Discuss the tree vertex splitting problem..
5. State the principle of Backtracking.
6. Write a note on Np-complete problems.
7. Draw the comparison tree for sorting four elements.
8. What is Dynamic programming ? Explain.
9. Write a short note divide and conquer method.
10. What is subset sum problem ?
11. Compare backtracking and branch and bound techniques with an example.
12. Write two examples for NP-Hard and NP complete problem..

(10x3=30)


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N A M COLLEGE KALLIKKANDY
I Semester MSc Computer Science Model Examination Dec 2017
MCS1C05 Introduction to Programming

Time:3 Hr

Max.Marks:80

Section A


Answer any 10 Questions. Each carries 3 marks.

1. What is pointer? Give example.
2. Explain with suitable example the two dimensional array.
3. Write a function to find the length of a string.
4. What is pointer? Give example.
5. What are the features of 'C' programming
6. List out various operators of 'C' program
7. Mention the string operations in 'C'.
8. How to initialize the pointers in 'C' program ?
9. Define structure"
10. What are the features of scope resolution operators in C++ ?
11. How friend function is different from friend class ?
12. Mention the merits of dynamic memory allocation.

Section A

Answer all questions. Each question carries ten marks.

13. a) List out various primitive data types of 'C' program with suitable example.
OR
b) Write a C program for finding the inverse of a matrix of order $n \times n$.
14. a) Compare and contrast pointers and arrays in 'C' program.
OR
b) List out the importance of storage classes in 'C' program.
15. a) Explain the importance of structure and union in 'C' program with suitable example.
OR
b) Mention various features of C++ program. Explain each one briefly with suitable examples
16. a) Compare and contrast various inheritance techniques with suitable examples.
OR
b) Explain the merits of virtual base class.
17. a) Describe the conversion functions with suitable examples
OR
b) What are the significant features of Standard Template Library (STL).


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NAM COLLEGE KALLIKKANDY

I Semestre MSc Computer Science Model Examination, December 2017

MCS1C03: Digital Systems and Microprocessors

Time: 3Hrs

Max. Marks : 80

Section A


Answer any 10 Questions. Each Question carries 3 Marks.

1. Explain SR flipflop
2. What are the functions of Johnson counter?
3. What are shift registers?
4. Explain the stack structure with an example.
5. What are interrupts? Explain it
6. What are addressing modes? Explain
7. Explain master slave flipflop
8. What are Counters? Explain
9. Explain Flag registers in 8085 Microprocessor
10. List out various types of shift registers
11. Explain subroutine concepts
12. Write notes on Universal shift registers

Section B

Answer All questions. Each carries 10 marks

1. (a) Explain 8237 DMA Controller.
OR
(b) (1) Explain Bi directional shift register with parallel load.
(2) Explain the working of JK Flipflop
2. (a) Explain the architecture of 8085
OR
(b) Explain the pin diagram and its functions of 8085
3. (a) Explain 8279 Keyboard / Display controller
OR
(b) Explain organization and working of 8255 Programmable peripheral interfacing
4. (a) Explain 8254 programmable interval timer
OR
(b) Explain UP/DOWN synchronous counter
5. (a) Simplify the following function using K Map $F(wxyz) = \sum(0, 1, 2, 3, 7, 8, 10, 12, 11, 15)$
OR
(b) Simplify the following Boolean function using Tabulation method $F = \sum(0, 3, 6, 8, 10, 12, 13, 15)$


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NAM COLLEGE KALLIKKANDY
I Semester M.Sc. (C.S) Model Examination December 2017

MCSC1C04 OPERATING SYSTEMS

Time: 3 Hrs

Marks: 80

SECTION A

Answer any 10 Questions. Each carries three marks.

1. What are the primary differences between Network Operating System and Distributed Operating System ?
2. What is the relationship between operating systems and computer hardware ?
3. Define Threads with examples.
4. What are the four necessary conditions for characterizing deadlock?.
5. Explain various system calls..
6. Define Internal and External fragmentation with examples.
7. What is scheduling ? What criteria affects the scheduler's performance.
8. Define Memory Management scheme.
9. What is scheduling ? What criteria affects the scheduler's performance.
10. How NFS is different from distributed file system.
11. Define State full versus Stateless services in Distributed System.
12. Compare Windows and Linux directory structure..

(10x3=30 marks)

SECTION B

Answer all Questions. Each Question carries ten marks.

1. a) List and discuss the various services provided by the operating system..

OR

b) Explain the main purpose of an operating system. Why it is called as resource allocator.

2. a) Discuss the operations of process creation and termination in Unix..

OR

b) Explain CPU scheduling algorithm with examples 3. a) Discuss the need for paging and segmentation. Explain each Term.

3. a) Briefly discuss the concept of virtual memory and its advantages.

OR

b) Describe the importance of file allocation methods with their merits and demerits..

4. a) Discuss in detail the disk management techniques in os.

OR


b) Explain Capacity based protection system Hydra.

5. a) Briefly discuss the architecture of distributed file systems.

OR

b) Discuss the design challenges of the distributed systems.

(5x10=50 marks)


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N A M COLLEGE KALLIKKANDY
I Semester MSc Computer Science Model Examination Dec 2017
MCS1C02 Computer Organization and Architecture

Time:3 Hr

Max.Marks:80

Section A


Answer any 10 Questions.Each carries 3 marks.

- 1.(a)Convert $(80.125)_{10}$ to binary
(b)Convert $(2345)_8$ to binary
2. What are the relative merits of horizontal and vertical microinstruction format
3. Write a note about EEPROM.
4. Write a note about single bus structure.
5. Explain the types of ROM.
6. What is sequencer?
7. Distinguish between isolated io and memory mapped io.
8. Compare RISC and CISC.
9. Write a note about latency and bandwidth.
10. Write a note about carry save array.
11. Represent the floating point no 90.125 in
(a) Single precision format.
(b) Double precision format.
12. List out the various types of branch prediction.

Section B

Answer any 5 Questions. Each carries 10 marks.

- 13.(a). Explain about addressing modes with example.
or
(b) Explain the steps involved in basic operation concept with diagram.
- 14.(a) Explain about USB.
or
(b) Explain booth multiplication algorithm with example.
- 15.(a) Explain about Bus arbitration.
or
(b) Explain about pipeline and pipeline hazards.
- 16.(a) Explain about cache memory. Explain different cache memory mapping techniques with example.
or
(b) Explain the concept of semiconductor RAM's with diagram.
- 17.(a) What are CISC-style processors? Explain 3-bus CISC-style processor using suitable figure.
or
(b) Explain about shared memory multiprocessors, vector processors and superscalar operations.


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I Semester M.Sc. Computer Science Examination, Dec - 2017
MCS IC 01 : DISCRETE MATHEMATICS

Time : 3 Hours

Max. Marks: 80

Section-A

Answer any 10 Questions Each carries 3 Marks.

1. Define degree of a vertex. What is in-degree and out-degree of a graph.
2. Define partition set, anti symmetric relation, equivalence relation, transitive closure.
3. Let A be the set {1,2,3, 4}. Which ordered pairs are in the relation $R = \{(a, b) | a \text{ divides } b\}$?
4. Give examples of a relation on a set that is symmetric and anti symmetric.
5. What is the number of arrangements of all the six letters in the word PEPPER ?
6. In how many different ways can the letters of the word 'OPTICAL' be arranged so that the vowels always come together?
7. State the Pigeonhole principle.
8. Define isomorphism of a directed graph.
9. Give examples of a relation on a set that is symmetric and anti symmetric.
10. Define onto functions with example.
11. with example explain the different methods of representing graphs.

Section-B

Answer any 5 Questions Each carries 10 Marks.

13. a) Show that $P \vee (Q \wedge R)$ and $(P \vee Q) \wedge (P \vee R)$ are logically equivalent.

OR

- b) Obtain PDNF of $P \vee (-P \wedge Q)$.

14. a) Find the Cartesian product $A \times B$ and $B \times A$, Where $A = \{1, 2\}$, $B = \{a, b, c\}$.


OR

- b) Define an even function. Let $f(x)$ and $g(x)$ be even function. Prove that $f \circ g(x)$ is also even.

15. a) Explain different methods of representing relations with example.

OR

- b) Explain equivalence Relations and Equivalence classes with example.


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NAM COLLEGE KALLIKKANDY- DEPARTMENT OF POLYMER CHEMISTRY
I SEMESTER BSc. Degree Model Examination- November 2017
CORE COURSE IN CHEMISTRY- 1B01 CHE –THEORETICAL& INORGANIC CHEMISTRY
TIME: 3hrs MARK : 40

SECTION A (Answer all questions. Each carries 1 mark)

- 1- Explain photoelectric effect ?
- 2- What is Aufba rule?
- 3- Write any two applications of Born – Haber cycle.
- 4- What is standard deviation?

SECTION B (Answer any Seven questions. Each carries 2 marks)

- 5- State and Explain Hunds rule ?
- 6- What is meant by wave function? Write its significance.
- 7- Sketch the shape of d- orbitals.
- 8- Why ortho-nitro phenol is more volatile than para- nitro phenol?
- 9- Which among the molecule has dipole moment? H_2O , CCl_4 , $CHCl_3$, CO_2 . Justify your answer.
- 10- Write short note on free electron theory of metallic bonding.
- 11- Arrange O_2 , O_2^+ , O_2^{2+} , O_2^- , O_2^{2-} in the increasing order of bond length.
- 12- Differentiate accuracy and precision with example.
- 13- Calculate effective nuclear charge at the periphery of nitrogen atom.
- 14- Draw the MO diagram of NO molecule.

SECTION C (Answer any Four questions. Each carries 3 marks)

- 15- What are the postulates of Bohr theory?
- 16- A) What are the rules used for rounding off figures?
B) Rounding off the following to appropriate significant figures
1) $42.71g + 9.643g + 8.0g$ 2) $0.165 m^3 \times 10.487 kg m^{-3}$
- 17- Explain Davison and Germer experiment.
- 18- What are the factors influencing lattice energy?
- 19- Differentiate between constant and proportional errors.
- 20- Draw the arrangement of all electron pairs on the central atom in CH_4 , NH_3 , H_2O and PCl_5 .

SECTION D (Answer any Two questions. Each carries 5 marks)

- 21- Describe different types of quantum numbers.
- 22- Explain VSEPR theory with egs.
- 23- Explain classification of errors.
- 24- Discuss about Vander waal's forces.

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NAM COLLEGE KALLIKKANDY- DEPARTMENT OF POLYMER CHEMISTRY
V SEMESTER BSc. Degree Model Examination- October 2017
CORE COURSE IN CHEMISTRY - 5B10CHE -PHYSICAL CHEMISTRY II
TIME: 3hrs

MARK: 40

SECTION A

(Answer all questions. Each carries 1 mark)

1. Enthalpy of formation of methane at 298K is -277.8kJ mole⁻¹. Write down the thermochemical equation.
2. Write integrated form of VontHoff's equation?.
3. What are azeotropes?
4. Define gold number.

SECTION B

(Answer any Seven questions. Each carries 2 marks)

5. Differentiate between isothermal and adiabatic process.
6. Explain the Nernst Heat Theorem.
7. Derive the relationship between K_p and K_c ?
8. 5moles of PCl_5 was taken in a 2L vessel and allowed to dissociate. 80% of PCl_5 dissociated when equilibrium was attained. calculate the equilibrium constant of the reaction, $PCl_5(g) \rightarrow PCl_3(g) + Cl_2(g)$
9. State and illustrate Hardy-Schulze rule.
11. Discuss the phase diagram of water system.
12. Explain Le Chatliers Principle?
How the Concentration changes and pressure changes affects the reaction according to this principle?
13. One mole of an ideal gas expand against a constant external pressure of 1atm from a volume of 10L to 30L. calculate the work done by the gas in Joule?
14. Distinguish physical adsorption from chemical adsorption.

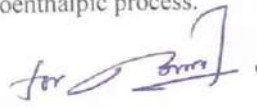
SECTION C

(Answer any Four questions. Each carries 3 marks)

15. What are the assumption of Langmuir theory? Derive the Langmuir adsorption isotherm..
16. Discuss the kinetic and electrical properties of colloids.
17. Explain Pattinson's process of desilverisation of Lead?
18. State distribution law. How is it useful in solvent extraction?.
19. Derive the Clausius-Clapeyron equation. How can we use it for the study of solid-liquid equilibrium.
20. State and explain the third law of thermodynamics. Explain how the absolute entropy of a gas is determined using the law

SECTION D

21. Derive vant Hoff reaction isotherm.
22. a) 600J of heat was supplied to a system at constant volume. It results in the increase of temperature from 300K to 305K. What is the change in internal energy of the system?
b) Derive Gibbs-Duhem equation.
23. Obtain Kirchoffs equation. Show that Joule Thomson expansion is isoenthalpic process.
24. Derive Maxwell relationship?


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NAM COLLEGE, KALLIKKANDY

III Semester M.Sc. Computer Science Model Examination, Oct - 2017

MCS3C12: COMPUTER GRAPHICS

Time : 3 Hours

Max. Marks:80

Section-A

Answer any Ten questions. Each question carries 3 marks.

1. Define the terms color and gray scale.
2. What are output primitives ?
3. Explain odd parity rule to identify interior regions of an object.
4. Describe the significance of line caps.
5. What is a color lookup table ?
6. Determine the transformation equations for rotation of a point position $p(x, y)$ when the pivot point is at co-ordinate origin.
7. Explain point clipping.
8. Define approximation splines.
9. Define shading. Give example.
10. Categorize visible surface detection algorithms.
11. Define super quadrics.
12. Mention the features of polygon rendering methods.

(10x3=30)

Section-B

Answer Any five questions. Each question carries 10 marks. (5x10=50)

1. a) With neat diagram, explain the working of DVST, refresh drawing display briefly.

(OR)

- b) Write the algorithms for drawing a line using

- i) DDA technique
- ii) Bresenham's Method.

2. a) Define antialiasing. Discuss different methods of super sampling straight line segments neatly.

(OR)

- b) Explain the boundary fill algorithm neatly with suitable examples.

3. a) Define the basic 2D-transformations, express the basic 2D- transformations in homogeneous co-ordinates.

(OR)

- b) Explain 2D window-to-view port co-ordinate transformation neatly.

4. a) Discuss parallel projection method for projecting the three-dimensional objects onto the two-dimensional view plane..

(OR)

- b) Define cubic Bezier curve, discuss the properties of Bezier curves.

5. a) Explain the depth-buffer method to detect visible surfaces.


(OR)

- b) List out various basic illumination methods, explain the importance of each one briefly.


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MARK LIST OF IV SEM POLYMER CHEMISTRY
MODEL EXAMINATION 2017-2018
DEPT. OF POLYMER CHEMISTRY NOV. 2017

Sl No:	Reg No:	NAME	Poly III	Poly IV	Org II	Mat	CS
1	NM16CPCR01	FASNA P P	32	32	39	28	28
2	NM16CPCR03	MARJANA C K	30	30	36	25	30
3	NM16CPCR04	RAFSANA.T.K	32	32	39	32	27
4	NM16CPCR05	SAFNA T	30	29	36	15	25
5	NM16CPCR06	SAHILA P	21	22	32	30	27
6	NM16CPCR09	MUHAMMAD P K	24	31	28	24	22
7	NM16CPCR10	MUHAMMAD RASHID V K	31	27	38	31	28
8	NM16CPCR12	MUHAMMED AFREED	22	18	28	15	10
9	NM16CPCR14	USAMA V K	31	30	32	23	21
10	NM16CPCR15	AMBILI DAS E	30	31	32	28	24
11	NM16CPCR16	FATHIMATHUL SHANA	26	23	25	27	19
12	NM16CPCR18	MEGHASURENDRAN S K	30	31	40	19	28
13	NM16CPCR20	RAHEENA ABDULLA P	30	30	36	31	28
14	NM16CPCR21	RAMSHEENA N	31	28	36	15	30
15	NM16CPCR22	AKHIL ASHAD	31	30	25	22	27
16	NM16CPCR23	ANAGHA V	26	28	29	19	23
17	NM16CPCR24	NASIDA ABDUL NASAR T	AB	AB	AB	AB	AB
18	NM16CPCR25	NIVEDIDHA P	25	28	28	24	23
19	NM16CPCR26	SAFVANA	30	29	34	28	25
20	NM16CPCR28	SHANA YASMIN N	29	30	32	12	28
21	NM16CPCR30	ANAND A	26	26	29	24	23
22	NM16CPCR31	FATHIMATH SILNA C	29	31	33	31	22
23	NM16CPCR32	FATHIMATHU SALIHA N	26	25	21	25	21
24	NM16CPCR33	SAFAREENA P	29	30	27	15	21


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N.A.M COLLEGE, KALLIKKANDY
First Semester Model examination, December - 2017
MARK LIST

SIno	RegNo	Name	D M	CO	DE	OS	IP
1	B7PSCS1201	ABDUL RAOOF	55	38	42	48	46
2	B7PSCS1202	ABIJATH V K	32	38	33	46	47
3	B7PSCS1203	ISMAYIL K K	52	35	38	45	43
4	B7PSCS1204	MUHAMMED NAMSAD K P	36	38	42	40	48
5	B7PSCS1205	MUHAMMED SHAHINSHA K K	ab	48	49	39	45
6	B7PSCS1206	MUHAMMED VAJIS B	42	38	39	46	48
7	B7PSCS1207	NIVED M K	42	ab	38	32	39
8	B7PSCS1208	RIYAS K	32	35	42	41	45
9	B7PSCS1209	JUMAILA K	59	58	55	56	59
10	B7PSCS1210	NIMISHA V P	66	59	57	55	59
11	B7PSCS1211	RIMA C	54	55	45	48	49
12	B7PSCS1212	RINCY T P	52	66	59	58	52
13	B7PSCS1213	SHAROZA K P	52	57	58	49	48

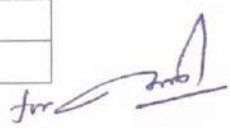

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Dept. of Polymer Chemistry: N.A.M College Kallikkandy
Model Exam Marks of II Sem Students 2017 (2017-2020 Batch)

Name of the Paper: 2B02PCH Analytical Chemistry

Sl. No.	Reg. No.	Name of candidates	Mark
1.	NM17CPCR01	ARSHIDA K K	29
2.	NM17CPCR02	FASNA P	37
3.	NM17CPCR03	FATHIMATH FOUMIDA P	34
4.	NM17CPCR04	HASNATH K M	38
5.	NM17CPCR05	JAFLA E P	31
6.	NM17CPCR06	RASMINA C K	27
7.	NM17CPCR07	RISANA THASNEEMA K	28
8.	NM17CPCR08	SAFWANA K	29
9.	NM17CPCR09	SHADIYA K	20
10.	NM17CPCR10	SHAHANA M	32
11.	NM17CPCR11	SHARIMA MAHIRA V P	26
12.	NM17CPCR12	SHERIN SHAHANA MAHAMOOD V K	38
13.	NM17CPCR14	ABDUL JALEEL M V	30
14.	NM17CPCR15	AKSHAYA T	29
15.	NM17CPCR16	ARATHI A V	39
16.	NM17CPCR17	HRIDHYA SURESH K	27
17.	NM17CPCR18	RIYONA P	29
18.	NM17CPCR19	FAHEEM FAHIS	26
19.	NM17CPCR20	ALIYA ABDULLA	38
20.	NM17CPCR21	ANAGHA RAJAN K K	30
21.	NM17CPCR23	NAICY T K	27
22.	NM17CPCR24	NAJIYA NASREEN	36
23.	NM17CPCR25	SHAMNA SHERIN A K	37
24.	NM17CPCR26	ZAHARA A P	26
25.	NM17CPCR29	JISHNU K	37
26.	NM17CPCR28	FARSANA P	27
27.	NM17CPCR29	FATHIMA AFA	31
28.	NM17CPCR30	HENNA SHERIN A	39
29.	NM17CPCR31	NASEEBA FARZANA T P	28
30.	NM17CPCR32	RAHILATH C P	34
31.	NM17CPCR33	SUHANA MAHAMOOD V P	25
32.	NM17CPCR34	SHAMZ AL NIZAM G	17

Signature
Paper In Charge:


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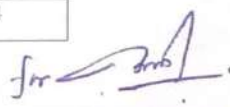
Dept. of Polymer Chemistry: N.A.M College Kallikkandy
Internal Exam Marks of I Sem Students 2017 (2017-2020 Batch)

IBOICHE

Name of the Paper: Theoretical & Inorganic Chemistry

Sl. No.	Reg. No.	Name of candidates	Mark 28
1.	NM17CPCR01	ARSHIDA K K	20
2.	NM17CPCR02	FASNA P	27
3.	NM17CPCR03	FATHIMATH FOU MIDA P	23
4.	NM17CPCR04	HASNATH K M	26
5.	NM17CPCR05	JAFLA E P	21
6.	NM17CPCR06	RASMINA C K	20
7.	NM17CPCR07	RISANA THASNEEMA K	23
8.	NM17CPCR08	SAFWANA K	21
9.	NM17CPCR09	SHADIYA K	15
10.	NM17CPCR10	SHAHANA M	20
11.	NM17CPCR11	SHARIMA MAHIRA V P	22
12.	NM17CPCR12	SHERIN SHAHANA MAHAMOOD V K	27
13.	NM17CPCR14	ABDUL JALEEL M V	22
14.	NM17CPCR15	AKSHAYA T	21
15.	NM17CPCR16	ARATHI A V	28
16.	NM17CPCR17	HRIDHYA SURESH K	21
17.	NM17CPCR18	RIYONA P	22
18.	NM17CPCR19	FAHEEM FAHIS	20
19.	NM17CPCR20	ALIYA ABDULLA	21
20.	NM17CPCR21	ANAGHA RAJAN K K	23
21.	NM17CPCR23	NAICY T K	18
22.	NM17CPCR24	NAJIYA NASREEN	27
23.	NM17CPCR25	SHAMNA SHERIN A K	28
24.	NM17CPCR26	ZAHARA A P	22
25.	NM17CPCR29	JISHNU K	24
26.	NM17CPCR28	FARSANA P	21
27.	NM17CPCR29	FATHIMA AFA	20
28.	NM17CPCR30	HENNA SHERIN A	26
29.	NM17CPCR31	NASEEBA FARZANA T P	19
30.	NM17CPCR32	RAHILATH C P	24
31.	NM17CPCR33	SUHANA MAHAMOOD V P	21
32.	NM17CPCR34	SHAMZ AL NIZAM G	14

Signature
Paper In Charge:


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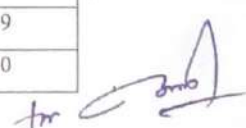
Dept. of Polymer Chemistry: N.A.M College Kallikkandy
Model Exam Marks of I Sem Students 2017 (2017-2020 Batch)

IBOICHE

Name of the Paper: Theoretical & Inorganic Chemistry

Sl. No.	Reg. No.	Name of candidates	Mark
1.	NM17CPCR01	ARSHIDA K K	31
2.	NM17CPCR02	FASNA P	38
3.	NM17CPCR03	FATHIMATH FOU MIDA P	35
4.	NM17CPCR04	HASNATH K M	39
5.	NM17CPCR05	JAFLA E P	30
6.	NM17CPCR06	RASMINA C K	29
7.	NM17CPCR07	RISANA THASNEEMA K	28
8.	NM17CPCR08	SAFWANA K	29
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16.	NM17CPCR17	HRIDHYA SURESH K	27
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18.	NM17CPCR19	FAHEEM FAHIS	26
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20.	NM17CPCR21	ANAGHA RAJAN K K	30
21.	NM17CPCR23	NAICY T K	27
22.	NM17CPCR24	NAJIYA NASREEN	35
23.	NM17CPCR25	SHAMNA SHERIN A K	37
24.	NM17CPCR26	ZAHARA A P	26
25.	NM17CPCR29	JISHNU K	37
26.	NM17CPCR28	FARSANA P	27
27.	NM17CPCR29	FATHIMA AFA	30
28.	NM17CPCR30	HENNA SHERIN A	39
29.	NM17CPCR31	NASEEBA FARZANA T P	27
30.	NM17CPCR32	RAHILATH C P	35
31.	NM17CPCR33	SUHANA MAHAMOOD V P	29
32.	NM17CPCR34	SHAMZ AL NIZAM G	20

Signature 
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FIFTH SEMESTER MODEL EXAMINATION RESULT OCT 2017

DEPT. OF POLYMER CHEMISTRY

Sl No:	Reg No:	NAME	INO I (40)	INO II (40)	PHY I (40)	PHY II (40)
1	NM15CPCR01	ASHMILA ABOOBACKER	30	28	26	34
2	NM15CPCR02	AYISHA P	38	30	10	38
3	NM15CPCR03	JASMINE A V	30	22	22	34
4	NM15CPCR04	JUMANA HASEEN N P	30	30	28	32
5	NM15CPCR05	MAHAFOOSA PARVEEN.P.K	40	40	23	32
6	NM15CPCR06	NADIRA M P	37	30	26	37
7	NM15CPCR07	RUKSANA E	32	16	30	31
8	NM15CPCR08	AFA ASHRAF	40	37	30	33
9	NM15CPCR09	AFSIDA P	25	5	30	22
10	NM15CPCR10	AMALENDU T M	40	40	30	36
11	NM15CPCR11	ANJANA T M	35	36	38	37
12	NM15CPCR12	FAYISA ASHRAF C P	24	21	21	19
13	NM15CPCR13	MUBEENA.C.H	Abs	30	11	35
14	NM15CPCR14	MUHSINA.V.P	40	40	40	40
16	NM15CPCR16	AISHA KUNHABDULLA	40	40	40	40
17	NM15CPCR17	ARSHINA P P	6	2	4	13
18	NM15CPCR18	FATHIMA RIZWANA K	40	37	35	37
19	NM15CPCR19	FAZMINA HAMEED	1	26	20	39
20	NM15CPCR20	JASEELA	21	21	21	32
21	NM15CPCR21	SAJEERA P K	40	40	30	38
22	NM15CPCR22	STALI MUNNA S S	24	8	17	29
23	NM15CPCR23	ASHIL K P	22	19	8	35
24	NM15CPCR24	ASMINA K	19	8	3	35
25	NM15CPCR25	FATHIMA C P	1	2	Abs	16
26	NM15CPCR26	MUFNIDA N	36	40	28	37
27	NM15CPCR27	RISVANA P K	20	28	32	28
28	NM15CPCR28	SHAFLA.C P	34	21	18	24

for 

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Kallikkandy

07-10-2019

NOTICE

This is to inform you that, third and fifth semester UG and third semester PG Model Examination is scheduled to conduct during the fourth week (21-10-2019 to 28-10-2019) of October 2019. All HoDs are directed to make all arrangements beforehand in order to complete the examination on time and submit question papers and mark list to Academic Monitoring Committee as directed.



PRINCIPAL
W.A.M. COLLEGE, KALLIKKANDY
P.O. KALLIKKANDY, KANNUR (Dt)
KERALA - 670 693

N A M COLLEGE KALLIKKANDY

III Semester B Com Degree Model Examinations October 2019

3A11 COM : Disaster Management

Time : 3 Hours

Total Marks : 40

SECTION-A

Answer **all** questions, each carries $\frac{1}{2}$ mark.

1. Disaster Management Act was passed in the year
2. Endogenous Hazards is a
3. The amount of energy released in earthquake is measured using
4. What is hail? (4x $\frac{1}{2}$ = 2 marks)

SECTION-B

Answer any **4** questions, each carries **1** mark.

5. Define disaster.
6. What is flood?
7. What is Cyclone?
8. What are the objectives of disaster management?
9. What is an emergency kit?
10. Explain disaster risk reduction. (4x1x = 4 marks)

SECTION-C


Answer any **6** questions, each carries **3** marks

11. What are the functions of Disaster Management Authority of India?
12. What are the effects of earthquake?
13. What are the different types of volcano eruption?
14. What are the causes of soil erosion?
15. Difference between disaster and hazards.
16. What are the major biological hazards?
17. Describe the precautions required to mitigate the impact of earthquake.
18. Discuss the role of media in disaster management. (6x3 = 18 marks)

SECTION-D

Answer any **2** questions, each carries **8** marks

19. Explain the various phases of disaster management.
20. What are the types of exogenous hazards?
21. Explain the disaster mitigation agencies in India and their functions. (2x8 = 16 marks)


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N A M COLLEGE KALLIKKANDY

III Semester B Com Degree Model Examination October 2019

3C03 COM : Basics of Research Methodology

Time : 3 Hours

Total Marks : 40

SECTION-A

Answer **all** questions, each carries $\frac{1}{2}$ mark.

1. A part of the population selected study is known as
 2. Preliminary investigation of a problem is called
 3. Data collected by the researcher from original source is.....
 4. Appendix comes under section in a research report.
- (4x $\frac{1}{2}$ = 2 marks)

SECTION-B

Answer any **4** questions, each carries **1** mark.

5. What is hypothesis?
 6. What is research design?
 7. What do you meant by research?
 8. Define research problem.
 9. What is a census enquiry?
 10. What do you meant by an oral report?
- (4x1x = 4 marks)

SECTION-C


Answer any **6** questions, each carries **3** marks

11. Difference between Pure research and applied research.
 12. Briefly explain the characteristics of hypothesis.
 13. Explain the objectives of research.
 14. Distinguish between primary data and secondary data.
 15. Discuss the need for sample survey.
 16. How do you select a research problem?
 17. Briefly explain the components of research design.
 18. What are the steps in report writing?
- (6x3 = 18 marks)

SECTION-D

Answer any **2** questions, each carries **8** marks

19. Explain the steps in research process.
 20. What is sampling? Explain the different methods of sampling?
 21. Describe the content
- (2x8 = 16 marks)


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NAM College Kallikkandy

III Semester BCom Model Examination October 2019

3 B06 COM Core course (Optional)

Cooperative Principles

Time 3 hours

Score 40

Part A

This part consists of four questions carrying $\frac{1}{2}$ marks each. Answer all questions in one word

1. the earliest form of cooperative society in Russia is called.....
2.is the father of cooperative movement
3. formation of State Bank of India is as per the Recommendation of.....
4. crop loan system is considered as.....loan $\frac{1}{2} \times 4 = 2$

Part B

Answer any four questions in one or two sentences each. Each question carries one mark each

5. state the features of General Assembly of ICA
6. who is Dr William king?
7. what is NCDC
8. What is NHB
9. What is ACD
10. describe the importance of cooperative flag $1 \times 4 = 4$

Part C

Answer any six questions. Answer should not exceed one page. Each question carries three marks each

11. what do you mean by political and religious neutrality?
12. distinguish between Raifeisen societies and Schulze Delitzch societies
13. describe the working of CWS in Britain
14. state the Cooperative Movement in France
15. write a short note on Kapoor committee
16. what are the provisions of cooperative societies act of 1904?
17. state the importance of rural credit
18. what are the measures suggested by rural credit survey committee for reorganizing Cooperative movement? $3 \times 6 = 18$

Part D

Answer any two questions. Answer should not exceed four pages each. Each question carries 8 marks each

19. mention the various definitions of cooperation
20. describe the working of marketing Cooperatives in USA
21. discuss the role and functioning of NCDC $8 \times 2 = 16$


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N A M COLLEGE KALLIKANDY
V SEMESTER B.COM MODEL EXAMINATIONS, OCTOBER 2019
Core Course in Commerce
5B14COM: CO-OPERATIVE LAWS

Time: 3 hours

Maximum Marks: 40

PART A

Answer all questions carrying 1/2 mark

1. Multistate co-operative societies Act was first passed in
A) 1984 B) 1942 C) 2002 D) None of these
2. Any matter touching the business of a society, constitution, establishment or management of a society
A) Claim B) Dispute C) Tribunal D) None of these
3. The society having the whole state as its area of operation is
A) Primary society B) Central society C) Apex society D) none of these
4. The person appointed under section 68A is
A) Registrar B) Banker C) Vigilance Officer D) Arbitrator (1 x4=4)

PART B

Answer any four questions carrying 1 mark

5. Define quorum for a valid meeting.
6. What do you mean by principal state partnership fund?
7. When an inquiry may be ordered by the registrar of a Co-operative Society?
8. What is Co-operative Education Fund
9. Who is nominal or associate member of a cooperative society?
10. Mention the structure needed for managing a cooperative (1 x4=4)

PART C

Answer any six questions carrying 3 marks

11. Mention the rights of members of a co-operative society
12. State the purposes under which annual general body meeting of a society shall be held
13. What are the circumstances under which an inquiry order can be issued by the registrar per Section 65?
14. Explain the disposal of net profit of co-operative society
15. What are the properties on which a society shall have first charge for realizing the amount due from a member?
16. What are the duties and responsibility of a secretary?
17. Distinguish between co-operative societies Act of 1904 and 1912
18. Discuss types of meetings of the members of a co-operative society. (6 x3=18)

PART D

Answer any two questions carrying 8 marks

19. Who is a liquidator? Explain the procedure to be adopted by liquidator in the case of winding up
20. Describe the different state aids to co-operative societies according to Kerala Co-operative Societies Act.
21. Briefly narrate various cooperative legislative measures in Kerala (8 x2=8)


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NAM COLLEGE, KALLIKKANDY

III Sem M.Com Degree Model Examination, October 2019

Derivatives and Risk Management

Time: 3 Hours

Max. Marks: 60

Answer any **four** questions. Each question carries **1 mark** for (a), **3 marks** for (b) and **5 marks** for (c):

1. a) What is put option?
b) What are the functions of derivative market
c) Write a note on put call parity.
2. a) What do you mean by spot price?
b) Explain about hedging.
c) Discuss the commodity exchanges on India.
3. a) What do you mean by speculation?
b) Discuss the expectation approach in futures pricing.
c) Write a short note on:
i) Intrinsic value of the option ii) Time value of money
4. a) What do you mean by American option?
b) Consider a six month long forward contract of a non-income paying security. The risk free rate of interest is 6 percent per annum. The stock price is Rs. 30 and the delivery price is Rs. 28. Compute the value of forward contract.
c) What are the differences between options and futures ?
5. a) What is initial margin ?
b) What are the features of forward contract ?
c) The stock price of Reliance industries in spot market is Rs. 450 and two-month option contract is of Rs. 450. The price of the option is Rs. 20 per share. At what price the option will be at the money, out-of-money and in the money of the option is both call as well as put option ?
6. a) What is Arbitrage ?
b) Discuss the cost of carry model in futures pricing.
c) Discuss the significance of derivatives.

SECTION – B

Answer any two questions in this section. Each question carries 12 marks

7. a) What is option pricing ? What are the factors influencing option prices ?
OR
b) The stock price is Rs.42. The strike price for a European call and put option on the stock is Rs.40. Both options expire in 6 months. The risk free interest is 6% per annum and the volatility is 25% per annum. What are the call and put prices as per Black Scholes Model.
8. a) Discuss the evolution of derivative markets in India.
OR
b) Explain in detail the Black – Scholes Model of option pricing.



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NAM COLLEGE KALLIKKANDY

THIRD SEMESTER M.COM – MODEL EXAMINATION OCTOBER 2019

MARKETING MANGEMENT

TIME: 3 Hours

MAX. MARKS: 60

SECTION _ A

**Answer all questions in this Section. Each question carries 1 mark for Part {a},
3 marks for Part (b) and 5 marks for Part (c)**

1. A) What do you mean by relationship marketing ?
B) Explain the steps in strategic marketing planning.
C) What do you mean by customer based marketing organization explain with examples ?
2. A) What do you mean by marketing promotion mix ?
B) What are the major, steps in marketing promotion management ?
C) Discuss the maior pricing strategies followed by FMCG product marketers'
3. A) Define a Brand.
B) Explain Marketing Myopia.
C) Describe functions of packaging.
4. A) What do You mean bY PercePtion ?
B) Explain the steps in perceptional process'
C) Discuss the factors influencing consumer behavior'

SECTION - B

Answer the following questions in this Section. question carries 12 marks.

5. What do you understand by personal selling ? What are the different types of personal selling ? Explain the steps in personal selling.
6. Design an advertisement copy for a newly starting premium segment hotel I in Kochi which is focusing on comfort, care and state of art facilities.



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NAM COLLEGE KALLIKKANDY
FIRST SEMESTER M.COM – MODEL EXAMINATION OCTOBER 2019
MANAGEMENT INFORMATION SYSTEM

TIME: 3 Hours

MAX. MARKS: 60

SECTION _ A

**Answer all questions in this Section. Each question carries 1 mark for Part (a),
3 marks for Part (b) and 5 marks for Part (c)**

1. a) Describe the law of requisite variety
b) What are the input, output devices?
c) Enumerate the limitations of MIS,
2. a) What is system analysis ?
b) What are the different steps in system development?
c) Explain system development cycle.
2. a) Explain the term black box.
b) What do you mean by open and closed system ?
c) What is feedback ? What are the types of feedback ?
3. a) What do you mean by data communication system ?
b) Explain the various means of high speed data transmission.
c) Discuss the types of electronic communication.
4. What is MIS ? Explain its role and also the various types of MIS.

SECTION - B

Answer the following questions in this Section. question carries 12 marks.

5. Discuss the components and major functions of 'Decision Support System'.
6. What is networking ? Explain the uses and types of networks.


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NAM College Kallikkandy

V Semester BCom Model Examination October 2019

5B12COM Core course XII

Auditing

Time 3 hours

Score 40

Part A

This part consists of four questions carrying $\frac{1}{2}$ marks each. Answer all questions in one word

1. means false representation or making wrong entry intentionally defraud somebody
 2. Conducted between the two annual audits
 3. is a written and predetermined plan of action for conducting an audit
 4. is the work of one staff is automatically checked by another
- $\frac{1}{2} \times 4 = 2$

Part B

Answer any four questions in one or two sentences each. Each question carries one mark each

5. What is manipulation of accounts?
 6. explain the manner of conducting the audit of Companies
 7. define audit programme
 8. what is internal control?
 9. how do you vouch the fees paid for directors?
 10. what is goods sent on consignment and how it is vouched
- $1 \times 4 = 4$

Part C

Answer any six questions. Answer should not exceed one page. Each question carries three marks each

11. Explain the major types of fraud
 12. what are the objectives of internal audit?
 13. explain how vouching is conducted on cash sales
 14. what is the particular attention taken by auditor while vouching the purchase returns journal?
 15. what is deferred revenue expenditure?
 16. how audit of EDP based account is made?
 17. what are the difference between valuation and verification?
 18. what is sinking fund? what is the duty of an auditor in regard to sinking fund?
- $3 \times 6 = 18$

Part D

Answer any two questions. Answer should not exceed four pages each. Each question carries 8 marks each

19. what are the preliminary works for conducting a quality audit?
 20. what is an audit programme? what are its advantages and disadvantages?
 21. what is operational audit how far does it help to the management?
- $8 \times 2 = 16$


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NAM College Kallikkandy

First Semester MCom Model Examination October 2019

Business Environment and Policy

Time 3 hours

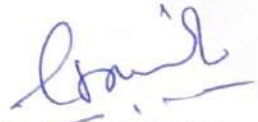
Max. Marks 60

Section A

Answer any four Part A- 1 mark , Part B- 3Marks, Part C-5Marks

- I A) what is technological environment
B) What are the basic characteristics of business environment?
C) What are the components of business environment? Explain
- II A) what is new economic policy
B) explain progress of privatisation in India
C) critically analyse the impact of India's NEP(1991)
- III A) what is LPG
B) what are the different forms of globalisation
C) critically analyse the impact of globalisation
- IV A) what is social environment
B) what are its constituent elements?
C) how does social structure influence the business and government?
- V A) what is WTO
B) what are the specific functions of WTO?
C) distinguish between GATT and WTO
- VI A) what is Industrial Development
B) explain the features of Industrial development and regulatory act
C) critically evaluate new industrial policy of Government of India

4x9=36


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Kannur - 670 693

Section B

VII A) why do we need to study of business environment ? What are the limitations of business environment

Or

B) explain in detail the need for industrial policy

VIII A) Explain pros and cons of FDI

Or

B) social responsibility is most important for business organisation explain $2 \times 12 = 24$



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N A M COLLEGE KALLIKANDY
I SEMESTER B.COM. MODEL EXAMINATIONS, NOVEMBER 2019

Core Course in Commerce

1A11 COM: BUSINESS STATISTICS AND BASIC NUMERICAL SKILLS

Time: 3 hours

Maximum Marks: 40

PART A

Answer any **six** questions carrying **1 mark**

1. What are Primary data?
2. Find co-efficient of range for the following observations
65, 70, 82, 59, 81, 76, 57, 60, 55 and 50
3. What is meant by harmonic mean?
4. The average of 5 children is 9 years. If the age of father be included, the average is increased by 6 years. How old is the father?
5. Write the formulae of Standard deviation of the combined series.
6. Solve $X^2 - 6X + 8 = 0$
7. Find the domain of the relation $R = \{(n, n^3) : n \text{ is a prime number less than } 5\}$
8. What is trace of a matrix. Give an example

(6 x 1 = 6)

PART B

Answer any **six** questions carrying **3 mark**

9. Define statistics? Explain the important limitations of statistics?
10. Explain the stages in the construction of index numbers.
11. If $A = \begin{pmatrix} 0 & 6 & 7 \\ -6 & 0 & 8 \\ 7 & -8 & 0 \end{pmatrix}$ $B = \begin{pmatrix} 0 & 1 & 1 \\ 1 & 0 & 2 \\ 1 & 2 & 0 \end{pmatrix}$ $C = \begin{pmatrix} 2 \\ -2 \\ 3 \end{pmatrix}$

Verify that $(A + B)C = AC + BC$

12. Calculate Median of the following data.

Marks	No. of students
Less than 10	15
" " 20	35
" " 30	60
" " 40	84
" " 50	96
" " 60	127
" " 70	198
" " 80	250

13. Verify De-Morgan's law for the set

$$U = \{1, 2, 3, 4, 5, 6, 7, 8\} \quad A = \{1, 3, 5, 8\} \quad B = \{1, 2, 6, 8\}$$


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14. Calculate geometric mean of the following.

Marks	: 0-10	10-20	20-30	30-40	40-50
No. of students	: 8	12	18	8	6

15. Solve $2X^2 + 8X + 8 = 0$

16. Construct the truth table for the compound statement $(p \wedge q) \wedge \sim p$

(6 x 3 = 18)

PART C

Answer any **two** questions carrying **16 mark**

17. Prove using the following data that the factor reversal test and Time reversal test are satisfied by the Fisher's ideal formula for index numbers

Commodity	Base year		Current year	
	Price per unit	Total expenditure	Price per unit	Total expenditure
A	6	50	10	56
B	2	100	2	120
C	4	60	6	60
D	10	30	12	24
E	8	40	12	36

18. Find the standard deviation and co-efficient of variation from the following data.

Salary up to Rs.:	10	20	30	40	50	60	70	80
No. of workers :	8	24	56	95	136	178	192	200

19. Solve the following system of equation using matrix notation

$$3x - 2y + 3z = 8$$

$$2x + y - z = 1$$

$$4x - 3y + 2z = 4$$

(2x 8 = 16)


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N A M COLLEGE KALLIKKANDY

First Semester BCom Degree Model Examinations November - 2019

1B01 COM : MANAGEMENT CONCEPTS AND PRINCIPLES

Time: 3 Hours.

Max. Marks: 40

SECTION-A

Answer any 6 questions. Each carries 1 Mark.

1. What do you mean by Span of control?
2. What is TPM ?
3. What do you meant by CSR?
4. What do you meant by manpower planning?
5. State the meaning of system Approach.
6. What is formal organization?
7. What is Kaizen?
8. What is stress management?

(6x1=6 Marks)

SECTION-B

Answer any 6 questions. Each carries 3 Marks.

9. Describe the various sources of recruitment.
10. State the different steps in control process.
11. What do you mean by scientific management?
12. Critically evaluate the classical approaches to management.
13. Explain Herzbergs' motivation hygiene theory.
14. Explain the fishbone diagram.
15. Explain the term TQM.
16. Briefly explain the argument in favour and against of the concept of business ethics.

(6x3=18 Marks)

PART-C

Answer any 2 questions, carries 8 Marks.

17. Describe Henry Fayol's principles of Management.
18. What is leadership? What are the different styles of leadership?
19. Explain different types of organization structure and discuss their merits and demerits.

(2x8=16 Marks)

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N A M COLLEGE KALLIKANDY

First Semester M. Com. Model Examinations, October 2019

COMIC04 – ORGANIZATIONAL BEHAVIOUR

Time: 3 Hours

[Max. 60 Marks]


Section A

Answer any *four* questions in this Section.

Each question carries 1 mark for Part (a), 3marks for Part (b), and 5marks for Part (c)

1. a) Define personality?
b) How will you determine the personality of a person?
c) Explain the personality traits that have relevant from the point of view of OB
2. a) What is cohesiveness?
b) What are the consequences of group cohesiveness?
c) Explain the factor influencing group cohesiveness?
3. a) What do you mean by work team?
b) How to build effective team performance?
c) Would you prefer to work as a team or alone? Why?
4. a) What is perception?
b) What are the importances of perception?
c) Describe the factor influencing perceptual mechanism?
5. a) What is the meaning of motivation?
b) Explain the McGregor's theory X & theory Y?
c) How is theory Y an improvement over traditional view that you can motivate employees by paying them more money?
6. a) What is the organizational conflict?
b) Are organizational conflicts always dysfunctional? Explain
c) What implications do the modern views about organizational conflict have for management of today's organization?

[4x9= 36 marks]


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Section B

Answer the *two* questions in this Section.
Each question carries 12 marks.

7. a) Define Organization Behavior? What are the various determinants of OB?
Discuss the general conclusions you draw from the models of OB?
OR
b) What are the Erikson's stages of personality development? How do they compare with Freudian stages?
8. a) Various theories of motivation approach the problems of motivation from different perspectives but they all emphasize similar set of relationship. Explain the statement bringing out the relationship?
OR
b) What is group dynamics? What are the different types of group? Explain the various theories of group formation?

[2x12=24 marks]


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NAM COLLEGE KALLIKKANDY

V Semester Bcom Degree Model Examination October 2019

Mark Statement


SL No	Reg No	Name	Cost Accounting	Corporate Accounting	Auditing	Income Tax	Cooperative Law
1	NM17BR0001	AMINATH SHASIYA CH	36	28	33	36	37
2	NM17BR0002	FATHIMATHUL FIDHA MP	25	29	33	36	34
3	NM17BR0003	FATHIMATHUL RANIYA B	24	29	28	35	34
4	NM17BR0004	FIDA SHERIN UV	21	26	30	29	32
5	NM17BR0005	HAMNA. M.A	38	34	29	32	25
6	NM17BR0006	NAFIA P	27	25	31	16	23
7	NM17BR0007	NIDHA SHERIN	36	28	32	39	32
8	NM17BR0008	RISHANA AC	8	21	28	21	27
9	NM17BR0009	RUKSANA PP	17	21	30	18	22
10	NM17BR0010	RUMANA THASNEM.T.P	37	32	36	29	20
11	NM17BR0011	SAFA ASHRAF PM	23	27	28	14	14
12	NM17BR0012	SHAHELA M	9	20	25	1	14
13	NM17BR0013	SUFAINA P	8	14	25	14	23
14	NM17BR0014	SUHAILA	20	22	24	34	35
15	NM17BR0015	FAZIL KV		7	15	1	1
16	NM17BR0016	MOHAMMED AJMAL	7	14	11	6	7
17	NM17BR0017	MOHAMMED SAHAL M P	4	11	5	8	6
18	NM17BR0018	MUBASHIR. C	23	19	28	25	19
19	NM17BR0019	MUHAMMED ANAS PC	12	12	21	5	9
20	NM17BR0020	MUHAMMED E	6	12	19	4	5
21	NM17BR0021	MUHAMMED HANEEF P	3	10	11	5	6
22	NM17BR0022	MUHAMMED RAZEEN. M.C	5	14	15	22	16
23	NM17BR0023	THAMEEM PALLIKKANDATHIL	5	8	19	3	2
24	NM17BR0024	ABIDHA ASHRAF	16	13	3	16	13
25	NM17BR0025	ANUSREE K K	37	24	27	5	35
26	NM17BR0026	ANUSREE TV	16	22	21	2	18
27	NM17BR0027	APNA FERBIN	34	27	21	31	31
28	NM17BR0028	FATHIMA FIDHA K	30	29	26	36	28
29	NM17BR0029	FATHIMA RASMIYA	30	23	28	31	22
30	NM17BR0030	FATHIMATHUL HANNATH AP		23	17	20	17
31	NM17BR0031	HIBA NAWAS	3	22	25	14	16
32	NM17BR0032	LAILA AZRA.T.K	31	28	27	33	25
33	NM17BR0033	NAJIHA PARVEEN P	24	22	28	30	28
34	NM17BR0034	NISA FARVINA P		34	20	30	16
35	NM17BR0035	VAISHNAVI GN	31	27	25	19	12
36	NM17BR0036	NADIR NAZAR	20	17	17	7	4
37	NM17BR0037	SENTHIL CP	16	14	10	9	6
38	NM17BR0038	ARSHINA V.K	4	20	20	15	3

39	NM17BR0039	FARSINA SHIRIN	13	25	26	18	10
40	NM17BR0040	FATHIMATH ZAHARA B	18	23	24	20	19
41	NM17BR0041	HANNATH VP	36	21	22	22	27
42	NM17BR0042	MEGHAYA.B	30	26	32	32	34
43	NM17BR0043	NEETHU MK	32	36	39	39	37
44	NM17BR0044	NIDHA SHARIN CV	26	34	38	35	35
45	NM17BR0045	NIMYA MK	17	21	22	22	15
46	NM17BR0046	RISANA AP	32	29	36	30	23
47	NM17BR0047	RISLA PARVEEN MR	30	30	3	30	34
48	NM17BR0048	HASEEB KANDOTH	5	10	16	6	4
49	NM17BR0049	JISHNU P	2	10	12	3	2
50	NM17BR0050	NAVANEETH KUMAR NV	absent	absent	absent	absent	absent
51	NM17BR0051	RAGUL RAJ.C.K	7	15	16	14	18
52	NM17BR0052	SAMNAS MOTTAMMAL	6	7	8	2	5
53	NM17BR0053	SURYARAJ.T	5	9	8	4	1
54	NM17BR0054	FAHMISA JASMIN CK	21	23	30	24	17
55	NM17BR0055	FASNA TK	36	33	36	36	37
56	NM17BR0056	LIYANA.K.K	3	15	32	13	14
57	NM17BR0057	SHAMSHEENA N	18	27	32	36	32
58	NM17BR0058	ABID K	6	14	23	13	4
59	NM17BR0059	MUHAMMED	1	18	20	3	2
60	NM17BR0060	ANUSREE .C.S	11	13	14	12	5


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NAM COLLEGE KALLIKKANDY
III Semester M.Com Degree Model Examination Oct 2019
Marks Statement

REG. NO.	NAME OF STUDENTS	Name of the Papers				
		Derivatives & Risk Management	Marketing Management	Corporate Accounting	Income Tax Law & Practice	Human Resource Management
B8PCOM1501	AMAL SUBRAHMANYAN	18	21	19	22	21
B8PCOM1502	MUHAMMED ANZEER K K	19	20	18	18	19
B8PCOM1503	MUHAMMED JOUHAR A K	18	23	20	19	20
B8PCOM1504	MUHAMMED SAFWAN K P	19	20	18	25	18
B8PCOM1505	NITHIN KUMAR N	22	20	19	23	23
B8PCOM1506	RAHUL RAJ P	25	23	24	22	23
B8PCOM1507	SHAHID ABDULLA	28	27	29	16	27
B8PCOM1508	AFRA PARVEEN B	20	22	19	21	22
B8PCOM1509	ATHULYA K	26	25	27	26	25
B8PCOM1510	AYISHA P K	26	25	26	24	25
B8PCOM1511	GOPIKA M V	23	22	23	26	24
B8PCOM1512	HANAN RANIYA V P	22	23	21	22	20
B8PCOM1513	HARITHA P	23	23	22	21	22
B8PCOM1514	JEENA PREMAN K	22	24	23	22	24
B8PCOM1515	JISHNA C	27	28	25	26	27
B8PCOM1516	JUSIRA V	25	21	20	23	22
B8PCOM1517	LAYANA LAKSHMANAN	23	20	22	21	24
B8PCOM1518	MARFANA MAHAMOOD	24	22	25	21	23
B8PCOM1519	MUMTHAS MUNEER	27	26	24	25	25
B8PCOM1520	RASHNA P	24	21	23	23	25
B8PCOM1521	SAFEENA TV	27	25	24	25	24
B8PCOM1522	SAFNIYA MAJEED.T.M	21	23	18	19	18
B8PCOM1523	SANA RASHEED S M	25	24	25	24	26
B8PCOM1524	SHABANA	24	22	23	24	25
B8PCOM1525	SHANIBA T K	25	25	24	23	25


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N.A.M. College Kalikkandy
Kannur - 670 693

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To
The Head of the Department
Department of Commerce
NAM College, Kallikkandy

Through Khaleej V (Name of Concerned Teacher)

Dear Sir,

I, Prince MV was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a re-test or, submit assignment or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Name of Student Prince MV
Register No. NML813A0020
Class IIIrd Sem B.Com

Prince
Signature of the Student
Date: 18-09-2019

Approval of the HoD: [Signature]
DR. RANJITH KUMAR, E.R.
Associate Professor of Commerce
N.A.M. College Kallikkandy
Kannur - 670 693

Action Taken :

~~Conduct~~ Attend a retest on 23-09-2019

[Signature]

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To
The Head of the Department
Department of Commerce
NAM College, Kallikkandy

Through Muhammad Fajrul (Name of Concerned Teacher)

Dear Sir,

I, Muhammad Fajrul was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a re-test or, submit assignment or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Name of Student Muhammad Fajrul P
Register No. NM/8PR0009
Class III Sem B.com

Mu
Signature of the Student
Date: 28/9/19

Approval of the HoD :

Action Taken : Conducted Seminar on 01/10/19.

Rajesh
Dr. RAJESH KUMAR. E.R.
Associate Professor of Commerce
N.A.M. College Kallikkandy
Kannur - 670 693

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To
The Head of the Department
Department of Commerce
NAM College, Kallikkandy

Through Dr. ASHRAF E (Name of Concerned Teacher)

Dear Sir,

I, Aneesha Ziya..... was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a re-test or, submit assignment or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Signature of the Student

Date: 29.09.2019

Name of Student Aneesha Ziya....

Register No. NM19BR0016.....

Class 1st Semester B:com.....

Approval of the HoD :

Rajesh
Dr. RAJESH KUMAR, E.R.
Associate Professor of Commerce
N.A.M. College Kallikkandy
Kannur - 670 693

Action Taken : Re-test Conducted - 07-10-2019

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To
The Head of the Department
Department of Commerce
NAM College, Kallikkandy

Through Fadya (Name of Concerned Teacher)

Dear Sir,

I, Fadya was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a re-test or, ~~submit assignment or, conduct seminar~~ to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Fadya
Signature of the Student
Date: 25/9/19

Name of Student Fadya
Register No. NM18BR0042
Class IV Sem B Com

Approval of the HoD :

Action Taken : Conducted Re-Test on 30/9/19.

Rajesh
Dr. RAJESH KUMAR, E.R.
Associate Professor of Commerce
N.A.M. College Kallikkandy
Kannur - 670 693

~~Kalikkandy~~

~~20-02-2018~~

NOTICE

This is to inform you that, Second, Fourth and Sixth semester UG and Second and Fourth Internal Examination is scheduled to conduct during the second week (08-02-2018 to 14-02-2018) of February 2018. All HoDs are directed to make all arrangements beforehand in order to complete the examination on time and submit question papers and mark list to Academic Monitoring Committee as directed.



PRINCIPAL
PRINCIPAL
N.A.M. COLLEGE, KALIKKANDY
P.O. KALIKKANDY, KANNUR DIST.
KERALA - 670 698

NAM COLLEGE KALLIKKANDY
II SEMESTER MSc COMPUTER SCIENCE I INTERNAL EXAMINATION February 2018
MCS2C08:DATABASE MANAGEMENT SYSTEMS

Time: 1.5Hrs

Max.Marks:40

SECTION A :


ANSWER 5 QUESTIONS. EACH CARRIES 3 MARKS.

1. Characteristics of DBMS
2. Explain Data Models
3. Write notes on Functional dependency
4. Write short notes on Normalization.
5. Write Notes on ACID Properties.
6. Comparison between ER Model and Relational Model
7. What are the Features of SQL

SECTION B:

ANSWER ALL QUESTIONS. EACH CARRIES 10 MARKS.

8. (a) Explain architecture of DBMS
OR
(b) Explain Normalization.
14. (a) Explain Schema architecture
OR
(b) Explain Query processing techniques.
- 15.(a) Explain Inference rules of Functional dependency (5).
OR
(b) List out various Authentication methods in PostgreSQL.


Head of the Department
of M.Sc. Computer Science
N.A.M. College, Kallikkandy
Kannur-670 293

NA M COLLEGE KALLIKKANDY
II SEM M.Sc. COMPUTER SCIENCE IST INTERNAL EXAMINATION Feb 2018
MCS2C09: COMPUTER NETWORKS

Time: 1.5Hrs

Marks:40

SECTION A


Answer any 4 Questions Each carries 2.5 Marks.

1. What are the three criteria necessary for an effective and efficient network ?
2. Explain the categories of networks.
3. What are the features provided by layering ?
4. What is meant by switched virtual circuit ?
5. What are the responsibilities of data link layer ?

SECTION B

Answer any 3 Questions Each carries 10 Marks.

6. a) Describe briefly the various layers and functions of OSI model and compare OSI Model with internet model
or
b) Explain the different types of switching networks and mention its advantages and disadvantages.
7. a) What is framing in data link layer ? Explain the different methods of framing in data link layer.
or
b) What are the significant features of Go-Back-N ARQ ? Explain the concept of sliding window with sender and receiver window diagrams
8. a) Explain the addressing mechanism of IEEE 802.11 with diagrams
or
b) i) Explain the services and uses of wireless LAN.
ii) Discuss the CRC techniques with suitable example.


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N A M COLLEGE KALLIKKANDY
II SEM MSc COMPUTER SCIENCE Ist INTERNAL EXAMINATION FEB 2018
MCS2C10: FORMAL LANGUAGES AND FINITE AUTOMATA

Time: 1 1/2Hrs

Marks: 40

Section A

Answer any 4 Questions Each carries 2 1/2 Marks.

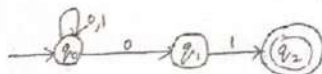
1. find a deterministic finite accepter that recognizes the set of all strings on $\Sigma = \{a, b\}$ starting with the prefix aab.
2. Find a regular expression for the set $\{A^n B^m : n > 3, m \text{ is even}\}$.
3. With suitable example explain homomorphism.
4. Write a note on removing λ productions..
5. Explain the applications of automata theory.
6. Define power set. and if S is the set $\{1,2,3,\{1,2\}\}$ then give its power set..

(2 1/2 x 4 = 10)

Section B

Answer All Questions Each carries 10 marks

1. (a) Define NFA. Convert the following NFA to an equivalent minimized DFA.



Or

- (b) Define NFA and find a NFA that recognizes the set of all strings on $\Sigma = \{a, b\}$ starting with the prefix abb.
2. (a) Define contextfree grammar. With suitable example explain ambiguity in grammar.
Or
- (b) Show that the language $L = \{a^n b^m : n \neq m\}$ is context free.

3. (a) consider the grammar G with productions,

$S \rightarrow aAbB$

$A \rightarrow bBb$


$B \rightarrow A/\lambda$

Construct the derivation tree.

Or

- (b) Define left linear and right linear grammar with example.

(3 x 10 = 30)


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NAM COLLEGE, KALLIKKANDY

2nd INTERNAL APRIL-2018

COMPUTER SCIENCE

MCS2C09: COMPUTER NETWORKS

Time: 3Hrs

Max.Mark:80

PART A


Instructions: Answer any 10, each carries 3 marks.

1. Explain Ethernet.
2. Explain ALOHA and Pure ALOHA.
3. Explain Wireless LAN.
4. Explain Flow control.
5. Explain IP Address.
6. Explain Internetworking.
7. Explain EMAIL.
8. Explain Bluetooth.
9. Explain Internet Control Protocol.
10. Explain Fast Ethernet.
11. Define UDP.
12. Define HTTP.

PART B

Instructions: Answer the following, each carries 10 marks.

13.
 - a) Briefly Explain Channel Allocation Problems.
OR
 - b) Explain virtual circuit and datagram with neat diagrams.
14.
 - a) Design issues of network layer.
OR
 - b) Briefly explain congestion control.
15.
 - a) Explain Routing Algorithm.
OR
 - b) Explain Simple Transport protocol and internet transport protocol.
16.
 - a) Explain Connection establishment and connection release in transport layer.
OR
 - b) Explain multiple access protocols
17. Explain the following
 - a) Cryptography
 - b) Addressing
 - c) Packet Routing
 - d) TCP
 - e) Virtual Circuit


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N A M COLLEGE KALLIKKANDY
II SEMESTER MSc COMPUTER SCIENCE 1st INTERNAL EXAMINATION
February 2018
MCS2C07 DATA STRUCTURES & ALGORITHMS

Time: 1 1/2Hrs

Marks: 40

Section A

Answer any 4 Questions Each carries 2 1/2 Marks.

1. What is a Data Structure?
2. What is ADT? How does it differ from primitive data type?
3. How is an array different from linked list?
4. Define singly linked list with a structured diagram.
5. What is meant by infix and postfix expressions? Represent each with examples.
6. Define priority queue.


(2.1/2 x 4 = 10)

Section B

Answer All Questions Each carries 10 marks

1. (a) Formulate an algorithm to insert an element in a doubly linked list.
Or
(b) Write an algorithm for an evaluation of postfix expression using stack.
2. (a) Explain various tree traversal techniques with suitable examples.
Or
(b) Write an algorithm to convert an infix expression into postfix expression.
Explain the operations with suitable examples.
3. (a) Write node structure to represent polynomials using arrays. Explain their algorithm to add 2 polynomials that are represented using array.
Or
(b) What is Queue? Why it is known as FIFO? Write an algorithm to insert and delete an element from a simple Queue.

(3 x 10 = 30)


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N A M COLLEGE KALLIKKANDY
II SEMESTER MSc COMPUTER SCIENCE Ist INTERNAL EXAMINATION FEBRUARY 2018
MCS2C06 Java Programming

Time:11/2Hr

Marks:40

Section A

Answer any 4 Questions Each carries 2.5marks

1. Write a note about JVM.
2. Explain any 3 OOP principles.
3. Write a note about constructors.
4. Write a note about this keyword.
5. Explain about inner class.
6. Write a note about command line arguments.

Section B

Answer any all Questions Each carries 10 marks.

7.(a) Discuss the features of java programming.

Or

(b) Explain different control statements in java with suitable example.

8(a) Compare and contrast method overloading and method overriding.

Or

(b) Explain the concept of class with example.

9.(a)(i) Explain about abstract class,


5

(ii) Explain about Dynamic Method Dispatch.

5

Or

(b) Explain about Operators in Java.


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N.A.M COLLEGE KALLIKKANDY
IV SEMESTER FIRST INTERNAL EXAMINATION 2018
GENERAL COURSE IN POLYMER CHEMISTRY
4A13 PCH POLYMER CHEMISTRY III

Time: 1.5 Hrs

Max marks: 16

SECTION – A (Answer all questions. One mark each.)

1. What is creaming?
2. What is novolac?

SECTION – B (Answer any two questions. Each carry 2 marks.)


3. Write about fillers.
4. What are organo phosphorous polymers ?
5. What is inorganic benzene?
6. Write the properties of nitrile rubber.

SECTION – C (Answer any 2 questions. 3 marks each.)

7. Explain relation between T_g and molecular weight of a polymer.
8. Discuss the preparation, properties and structure of silicones.
9. Explain the preparation of RSS
10. Write compounding of latex.

SECTION _ D (Answer any one Question. 5 marks each.)

11. Explain in detail organotin polymers.
12. Explain the process of vulcanization.


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N.A.M COLLEGE KALLIKKANDY
IV SEMESTER FIRST INTERNAL EXAMINATION MARCH 2018
GENERAL COURSE IN POLYMER CHEMISTRY
4A14PCH POLYMER CHEMISTRY IV

Time: 1.5 Hrs

Max marks:17

SECTION – A (Answer all questions. One mark each.)

1. What are the functions of antioxidants ?
2. What is meant by thermal degradation ?

SECTION – C (Answer any two questions. Each carry 2 marks.)


3. Give the principle of blow moulding.
4. What is mastication?
5. What are blends?
6. Give the expansion of ASTM , DIN

SECTION – C (Answer any 2 questions. 3 marks each.)

7. Explain composites used in defense and aerospace.
8. Explain thermoforming.
13. What are the factors affecting thermal stability of a polymer?
14. What do you mean by the term standards ? Why is it needed ?

SECTION -D (Answer any one Question. 5 marks each.)

15. Explain extrusion moulding and compression moulding.
18. Explain photo degradation and oxidative degradation,


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N.A.M COLLEGE KALLIKKANDY : DEPT. OF POLYMER CHEMISTRY
IV SEMESTER FIRST INTERNAL EXAMINATION MARCH - 2018
CORE COURSE IN CHEMISTRY
4B06 CHE : ORGANIC CHEMISTRY – II

Time : 1.5 Hrs

Max marks : 20

SECTION A : Answer all Questions: ONE mark each

1. What is specific rotation?
2. What are the two cyclic forms of D- glucose.
3. What is the hybridization of N in pyridine?

SECTION B: Answer any 3 questions: each carry 2 mark: $3 \times 2 = 6$

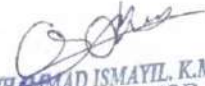
4. What is racemisation?
6. Explain the aromaticity of tropylium cation.?
7. Which is more basic, pyridine or pyrrole ? Why?
8. Give two method of synthesis of indole.
9. Write note on synthetic rubbers.

SECTION C: Answer Any 2 question: 3 marks each: $2 \times 3 = 6$

10. Outline the Hoffmann's Exhaustive methylation.
11. Explain the aromaticity of ferrocene.
12. Explain epimerization of glucose.
13. Discuss resolution of racemic mixture.

SECTION D : Answer any 1 question : 5 marks each: $1 \times 5 = 5$

14. a) Explain the conformation of cyclohexane.
b) Which of the conformation of methyl cyclohexane is stable Why
15. Explain SNAr and benzyne mechanism.


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NAM COLLEGE KALLIKKANDY :DEPARTMENT OF POLYMER CHEMISTRY
II SEMESTER INTERNAL EXAMINATION MARCH 2018
CORE COURSE IN CHEMISTRY
2BO2PCH: ANALYTICAL CHEMISTRY

Time: 3hrs

Max Mark : 40

Answer all questions each question carries one mark.

1. Give two examples of redox indicators?
2. Give lux flood concepts of acids and bases?
3. Explain the terms parts per million and parts per billion ?
4. Explain the term mole ?

Answer any seven question .Each question carries 2marks.

5. Why KMnO_4 cant be used as a primary standard ?
6. What is conjugate acid base pair ?
7. Differentiate between molarity and molality ?
8. Sketch the titration curves for the titration of a strong acid against strong base ?
9. Explain the basis of hard hard and soft soft interactions ?
10. Sketch titration curve for Na_2CO_3 vs HCl ?
11. Why KMnO_4 is not used as a primary standard ?
12. Identify conjugate acid base pair in HF dissolved in H_2SO_4 ?
13. Calculate the mass of Mohr's salt required to prepare 100 ml of 0.1 N solution ?
14. What is R_f value ?

Answer any four question . Each question carries 3 Marks .

15. Discuss the importance of solubilty product in qualitative analysis ?
16. What is pearsons concept of acids and bases ?
17. How are solvent classified ?
18. What is meant by common ion effect ?
19. A solution is prepared by dissolving 18.5 g of NaOH in distilled water to give 200ml of solution . Calculate the molarity of the solution ?
20. Give some important reactions carried out in liquid SO_2 ?

(Answer any 2 question .Each question carries 5 marks)

21. Discuss briefly the theory of acid base titrations ?
22. What is meant by HSAB principle ? What are its applications ?
23. Explain the special properties of liquid ammonia as a non- aqueous solvent ?
24. Discuss briefly the theory of redox indicators ?

for 

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NAM COLLEGE KALLIKKANDY

II SEMESTER MSC COMPUTER SCIENCE INTERNAL EXAMINATION – APRIL
2018

MCS2C10 : FORMAL LANGUAGES AND FINTE AUTOMATA

Time : 3 HRS

Max . Mark : 80

Instructions : Section A, Answer any 10 each carries 3 marks.

Section B, Answer any 5 each carries 10 marks.

SECTION A

1. Give formal definition of Pushdown Automata.
2. Define Turing Machine.
3. What are the methods to simplify a Context Free Grammar?
4. List the special features of Turing Machine.
5. Construct a PDA accepting the set of all strings over $\{a,b\}$ with equal number of a's and b's.
6. Remove Unit production from
$$S \rightarrow Aa|B$$
$$B \rightarrow A|bb$$
$$A \rightarrow a|bc|B$$
7. Remove null production from
$$S \rightarrow aAb$$
$$A \rightarrow aAb|\text{null}$$
8. Explain closure properties of CFL.
9. Explain Pumping Lemma for Regular Languages.
10. Explain Turing's Thesis.
11. Explain Chomskey Normal form with example.
12. Explain Griebach Normal form with example.
13. When do you say that a Turing machine accepts a string?

SECTION B

14. a) For $\{a,b\}$ design a Turing Machine that accepts $L = \{a^n b^n : n \geq 1\}$

OR

b) Convert the grammar with productions

$S \rightarrow ABa$

A → aab

B → Ac to chomsky normal form

15. a) Convert the grammar with productions $S \rightarrow abSb|aa$ to Griebach Normal form.

OR

b) explain Closure properties of Regular Languages.

16. a) For $\{a,b\}$ design a Pushdown Automata that accepts $L = \{a^n b^n : n \geq 0\} \cup \{a\}$

OR

b) Explain with example how Turing machine working as Transducers.

17. a) For $\{a,b,c\}$ design a Turing Machine that accepts $L = \{a^n b^n c^n : n \geq 1\}$


OR

b) Explain with example how Turing machine working for complicated Tasks.

18. a) Explain Deterministic Pushdown Automata with example.

OR

b) Construct a Pushdown Automata that accept the language $L = \{WW^R : W \text{ belongs to } \{a,b\}^+\}$


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N A M COLLEGE KALLIKKANDY
IV SEMESTER MSc COMPUTER SCIENCE INTERNAL EXAMINATION –MARCH 2018
MCS4E20-Artificial Intelligence

Section A

Answer any 10 Questions Each carries 3 marks.


1. Write a note about PROLOG.
2. Write a note about planning.
3. Explain Patrick's wintson's work on learning concepts.
4. Explain Inductive Bias and Learnability.
5. Explain Unsupervised Learning.
6. Write a note on black board architecture
7. Explain briefly AND/OR Graph
8. What are the structure of state space search
9. What is AI?
10. Discuss the importance of Conceptual Graph
11. Compare and Contrast Propositional and Predicate Calculus.
12. Discuss the 8 Puzzle problem

Section B

Answer any 5 Questions Each carries 10 marks

13. (a) Explain about Rule based expert system.
OR
(b) Explain about case based , rule based, model based and hybrid reasoning.
14. (a) Explain Framework for symbol based learning.
OR
(b) Explain ID3 Decision tree inductive algorithm.
15. (a) Describe Depth First Iterative Deepening search Method
OR
(b) Explain Production system with example.
16. (a) What is Unification ? Explain with an Example.
OR
(b) Explain Pattern directed search.
17. (a) Explain Breadth First search algorithm. Write its merits and demerits.
OR
(b) What do you mean by Heuristics ? Describe the role of Heuristics in solving problems.

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NAM COLLEGE KALLIKKANDY

IV SEMESTER MSc Computer Science 1st Internal Examination March 2018

MCS 4E 11 : Mobile Computing

Time 3 Hrs

Max.Marks:80

SECTION A

Answer Any 10 Questions. Each Carries 3 Marks

1. What are the applications of mobile computing ?
2. What are the functions of mobile computing ?
3. Mention the various channels in GPRS
4. Define multiplexing and types of multiplexing..
5. List out the various challenging issues of mobile IP.
6. Compare and contrast between GEO and LEO.
7. What are the applications of WAP ?
8. Mention the primitive data types of WML script.
9. How mobility management operations in GSM ?
10. List out the applications VoIP.
11. Mention the importance of call routing.
12. Compare and contrast encapsulation and tunneling

SECTION B

13 (a). Discuss the classification of mobile networks with various parameters.

OR

(b). With suitable diagram explain the simplified functional model of mobile communication system..

14(a) i) Explain the evolution telephony system.

ii) What are the properties of FIFID ?

OR

(b). With neat diagram explain how packet delivery to and from a mobile ' node is transferred in Mobile IP.

15(a). Discuss the mobility management and security aspects of GSM

OR

(b). Discuss the various multiple access techniques used in GSM.

16(a) With neat diagram discuss the protocol architecture of WAP'

OR

(b) Explain the importance of WAP and its applications briefly

17(a) Explain the design issues of mobile IPv6 and mobile voice over IP briefly

OR

(b) Explain the features and merits of Mobile VoIP


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NAM COLLEGE KALLIKKANDY

IV SEMESTER MSc Computer Science 2nd Internal Examination February 2018

MCS 4E 11 : Mobile Computing

Time 3 Hrs

Max.Marks:80

SECTION A

Answer Any 10 Questions. Each Carries 3 Marks

1. List the advantages of mobile computing.
2. What are the functions of mobile computing ?
3. Mention the various channels in GPRS
4. Define RFID.
5. What are the data services in GPRS ?
6. Compare and contrast WIMAX and WiFi.
7. What are the applications of WAP ?
8. Mention the primitive data types of WML script.
9. What are the uses of CDMA in GSM ?
10. List out the applications VoIP.
11. Mention the importance of call routing.
What are the significant features of WLAN ?

SECTION B

13 (a). Explain goals, applications and features of Mobile Computing

OR

(b). With neat diagram, discuss the design issues of the mobile computing briefly.

14(a) Describe the mile stone of mobile computing paradigm.

OR

(b). With neat diagram explain how packet delivery to and from a mobile ' node is transferred in Mobile IP.

15(a). Describe the authentication and security aspects of GSM briefly

OR

(b). Discuss the various multiple access techniques used in GSM.

16(a) With neat diagram discuss the protocol architecture of WAP'


OR

(b) Explain the WML scripts used in mobile devices, with suitable diagrams

17(a) Describe services and design issues of physical and data link layer of WLAN.

OR

(b) Explain the features and merits of Mobile VoIP


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NAM COLLEGE KALLIKKANDY

MSc Computer Science Ist Internal Examination February 2018

MCS4E Artificial Intelligence

Time 3 Hrs

Max.Marks:80

SECTION A

Answer Any 10 Questions.Each Carries 3 Marks

1. Explain Logic based Financial adviser.
2. Write a note on Inference Rules
3. What are the strategies of state space search?
4. Explain Unification
5. Explain Best first algorithm
6. Write a note on Graph Theory
7. Explain Heuristic search
8. Explain methodology of predicate calculus
9. Explain any three major applications of AI
10. What is Expert system?
11. What are the significant features of Graph theory in AI?
12. How hill climbing is different from Dynamic programming?

SECTION B

13 (a). what is the meaning and importance of search?explain various strategies of state space search.

OR

(b). what is the application of heuristic search?explain the implementation with suitable examples.

14(a). Discuss knowledge representation problems and possible solutions.

OR

(b). Write a prolog program that answer questions about employee details and relationships.

15(a). What is the meaning and importance of search?Explain various strategies of state space search

OR

(b).Explain Black board architecturefor problem solving with examples.

16(a).Explain Production system with examples.

OR

(b) List the characteristics of Artificial intelligence.Explain any 5 characteristics in detail

17(a). Explain Expert systems with suitable examples.

OR

(b). Explain min-max search strategies with suitable examples briefly.

NAM COLLEGE KALLIKKANDY
II SEMESTER MSc COMPUTER SCIENCE II INTERNAL EXAMINATION APRIL 2018
MCS2C08:DATABASE MANAGEMENT SYSTEMS

Time: 3 Hrs

Max.Marks:80

SECTION A :

ANSWER 10 QUESTIONS. EACH CARRIES 3 MARKS.

1. Mention the various locking techniques.
2. Mention 3 physical storage media.
3. Write Notes on RAID.
4. Write short notes on Dead Lock.
5. Write Notes on ACID Properties.
6. Comparison between Ordered indices and Hashing.
7. What are the classification of server system Architecture.
8. What are the features of PostgreSQL?
9. How to define and use Arrays in PostgreSQL?
10. What do you mean by Recoverability?
11. What do you mean by Query Optimization?
12. Compare and contrast Dense and Sparse Indices.

SECTION B:

ANSWER ALL QUESTIONS. EACH CARRIES 10 MARKS.

13. (a) Explain Two- Phase Locking Scheme for Concurrency control.

OR

- (b) Discuss the design consideration for Data warehousing environment.

14. (a) (i) Discuss the Advantages and Disadvantages of Distributed database.

- (ii) What are distributed Data storage ? Discuss.

OR

- (b) Explain Query processing techniques.

- 15.(a) Describe the Time Stamp order based locking technique for concurrency control.

OR

- (b) List out various Authentication methods in PostgreSQL.

- 16.(a) Explain Transaction States with suitable Diagram.


OR

- (b) Discuss the concept of Serializability.

- 17.(a) Discuss about Dead Lock Handling techniques.


OR

- (b) Explain Parallel Database Architecture.


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N.A.M COLLEGE, KALLIKKANDY
Second Semester Ist internal examination, February 2018
MARK LIST

SIno	RegNo	Name	Java	DS	DBMS	CN	FA
1	B7PSCS1201	ABDUL RAOOF	22	25	20	24	27
2	B7PSCS1202	ABIJATH V K	17	20	19	14	15
3	B7PSCS1203	ISMAYIL K K	21	20	18	23	22
4	B7PSCS1204	MUHAMMED NAMSAD K P	21	22	25	19	18
5	B7PSCS1205	MUHAMMED SHAHINSHA K K	18	14	15	19	15
6	B7PSCS1206	MUHAMMED VAJIS B	12	14	15	13	17
7	B7PSCS1207	NIVED M K	18	20	19	22	25
8	B7PSCS1208	RIYAS K	18	19	21	14	16
9	B7PSCS1209	JUMAILA K	32	30	34	30	32
10	B7PSCS1210	NIMISHA V P	32	33	30	31	33
11	B7PSCS1211	RIMA C	28	25	24	26	27
12	B7PSCS1212	RINCY T P	32	31	35	28	29
13	B7PSCS1213	SHAROZA K P	24	21	25	26	23


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N.A.M COLLEGE, KALLIKKANDY
Second Semester II internal examination, April 2018
MARK LIST

Sno	RegNo	Name	Java	DS	DBMS	CN	FA
1	B7PSCS1201	ABDUL RAOOF	42	41	36	39	41
2	B7PSCS1202	ABIJATH V K	25	39	40	31	32
3	B7PSCS1203	ISMAYIL K K	39	45	32	31	29
4	B7PSCS1204	MUHAMMED NAMSAD K P	35	32	36	41	30
5	B7PSCS1205	MUHAMMED SHAHINSHA K K	29	28	30	32	29
6	B7PSCS1206	MUHAMMED VAJIS B	32	35	29	33	40
7	B7PSCS1207	NIVED M K	29	35	36	32	30
8	B7PSCS1208	RIYAS K	29	27	30	38	31
9	B7PSCS1209	JUMAILA K	56	52	50	49	52
10	B7PSCS1210	NIMISHA V P	56	58	49	50	52
11	B7PSCS1211	RIMA C	46	49	51	50	45
12	B7PSCS1212	RINCY T P	58	57	45	49	58
13	B7PSCS1213	SHAROZA K P	52	49	50	55	57


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N.A.M COLLEGE, KALLIKKANDY
Fourth Semester 2ND internal Examination, February 2018
MARK LIST

Sl.No	Reg.No	Name	OR	AI	MC
1	B6PSCS1201	ANAGHA N	31	55	51
2	B6PSCS1202	ARSHIDA O P	30	44	42
3	B6PSCS1203	ASHIFA P	39	60	62
4	B6PSCS1204	ASNA K	39	61	60
5	B6PSCS1205	ASWANI RAJAN T P	32	41	42
6	B6PSCS1206	DRISHYA MOHAN K	32	44	45
7	B6PSCS1207	FATHIMA T	28	45	39
8	B6PSCS1208	GANNA M	29	46	38
9	B6PSCS1209	HAMERAVALIYA PARAMBATH	30	56	57
10	B6PSCS1210	HOULA	29	55	46
11	B6PSCS1211	JOSHITHA K	27	51	49
12	B6PSCS1212	RAHILA K	22	36	45
13	B6PSCS1213	RAHINA E K	30	46	56
14	B6PSCS1214	RAMSEENA CHERIYA AMBILERIMMAL	35	54	58
15	B6PSCS1215	SAJINA P P	34	55	57
16	B6PSCS1216	SHARMYA P	32	49	59
17	B6PSCS1217	SITHANYA K	30	41	49
18	B6PSCS1218	SOUPARNIKA N P	29	40	45
19	B6PSCS1219	SRUTHI V P	30	53	45


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N.A.M COLLEGE, KALLIKKANDY
Fourth Semester 2ND internal Examination, MARCH 2018
MARK LIST

Sl.No	Reg.No	Name	OR	AI	MC
1	B6PSCS1201	ANAGHA N	55	51	39
2	B6PSCS1202	ARSHIDA O P	44	42	31
3	B6PSCS1203	ASHIFA P	60	62	58
4	B6PSCS1204	ASNA K	62	60	58
5	B6PSCS1205	ASWANI RAJAN T P	41	42	56
6	B6PSCS1206	DRISHYA MOHAN K	44	45	52
7	B6PSCS1207	FATHIMA T	45	39	39
8	B6PSCS1208	GANAM	46	38	48
9	B6PSCS1209	HAMERAVALIYA PARAMBATH	56	57	56
10	B6PSCS1210	HOULA	55	46	54
11	B6PSCS1211	JOSHITHA K	51	49	49
12	B6PSCS1212	RAHILA K	36	45	42
13	B6PSCS1213	RAHINA E K	46	56	55
14	B6PSCS1214	RAMSEENA CHERIYA AMBILERIMMAL	54	58	59
15	B6PSCS1215	SAJINA P P	55	57	50
16	B6PSCS1216	SHARMYA P	49	59	55
17	B6PSCS1217	SITHANYA K	41	49	45
18	B6PSCS1218	SOUPARNIKA N P	40	45	46
19	B6PSCS1219	SRUTHI V P	53	45	57


Head of the Department
of M.Sc. Computer Science
N.A.M. College, K
Kallikkandy-670 005

Kallikkandy

02-02-2018

NOTICE

This is to inform you that, Fourth and Sixth semester UG and Fourth PG, Model Examination is scheduled to conduct during the second week (12-02-2018 to 16-02-2018) of February 2018.

All HoDs are directed to make all arrangements beforehand in order to complete the examination on time and submit question papers and mark list to Academic Monitoring Committee as directed.


PRINCIPAL

N.A.M COLLEGE KALLIKKANDY : DEPT. OF POLYMER CHEMISTRY
IV SEMESTER MODEL EXAMINATION MARCH - 2018
CORE COURSE IN CHEMISTRY
4B06 CHE : ORGANIC CHEMISTRY - II

Time : 3 Hrs

Max marks : 40

SECTION A : Answer all Questions: ONE mark each: $5 \times 1 = 5$

1. How will you synthesis pyrrole from furan?
2. Account for the observation of pyrrole is a weak base
3. What are non benzenoid aromatic compound. Give example?
4. What are Oligomers? Give two examples.

SECTION B: Answer any 4 question: each carry 2 mark: $4 \times 2 = 8$


5. Write a note on the synthetic application of PVC and PS
6. Explain the aromaticity of ferrocene?
7. Which is more basic, pyridine or piperidine ? Why?
8. Write a short note on benzyne intermediate mechanism?
9. Explain the mechanism of nitration of benzene
10. How does pyridine react with i) C_6C_5Li ii) $NaNH_2$?
11. What happened when Indole treated with formaldehyde and dimethylamine.
12. Explain the Killiani Fischer synthesis.
13. What are disaccharides explain the structure of maltose
14. Discuss epimers and epimerization

SECTION C: Answer Any 4 question: 3 marks each: $3 \times 3 = 9$

15. Outline the Hoffmann's Exhaustive methylation.
16. Compare the structure of cellulose and starch
17. Explain the molecular orbital theory of aromaticity? Draw the molecular orbitals of benzene
18. Discuss the preparation and uses of PVC, poly ethylene & polystyrene
19. What you meant by mutarotation of glucose
20. Explain the structure of cellulose and its industrial uses .

SECTION D : Answer any 2 question : 5 marks each: $2 \times 5 = 10$

21. a) Explain the optical isomerism of tartaric acid
b) What are the methods for the resolution of racemic mixtures
c) Which of the conformation of methyl cyclohexane is stable Why
22. Explain with mechanism a) Friedel Crafts alkylation b) Friedel Crafts acylation.
c) sulphonation of benzene
23. Discuss the structure of glucose by means of configuration cyclic structure and Haworth representation
24. Write
a) The synthesis of quinoline by Skraup method and mention the reagents and its uses
b) Write the Fischer Indole synthesis.


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Dept. of Polymer Chemistry
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N.A.M COLLEGE KALLIKKANDY
IV SEMESTER BSc DEGREE MODEL EXAMINATION 2018
GENERAL COURSE IN POLYMER CHEMISTRY
4A13 PCH POLYMER CHEMISTRY III

Time: 3 Hrs

Max marks: 32

SECTION – A (Answer any two questions. One mark each.)

1. Give the structure of natural rubber.
2. What is meant by Mastication ?
3. What are hypalon?
4. What is creaming?
5. What are flame retarders?

SECTION – B (Answer any two questions. Each carry 2 marks.)


5. Write about action of plasticizers.
6. What are organo tin polymers ?
7. What is Tg ?
8. Write a note on dilatometry.
9. What is inorganic benzene? How is it prepared?
10. Explain properties of Sulphur based polymers.
11. Write the preparation of ethylene- propylene rubber.

SECTION – C (Answer any 3 questions. 3 marks each.)

12. Explain classification of Inorganic polymers.
13. Give the monomers and structure of polybutadiene
14. Explain the preparation of foam rubber.
15. Give the significance of grading into RSS varieties.
16. Describe manufacturing techniques of rubber goods from latex.

SECTION _ D (Answer any one Questions. 5 marks each.)

17. Explain in detail the process and necessity of vulcanization.
18. Explain preparation, properties and structure of any two boron based polymers.
19. Discuss tacticity of polymers.
20. Write note on additives in rubber compounding.


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N.A.M COLLEGE KALLIKKANDY
IV SEMESTER BSc DEGREE MODEL EXAMINATION MARCH 2018
GENERAL COURSE IN POLYMER CHEMISTRY
4A14PCH POLYMER CHEMISTRY IV

Time: 3 Hrs

Max marks: 32

SECTION - A Answer all questions. One mark each.

1. What are photo-stabilizers ?
2. What is meant by oxidative degradation ?
3. Give the expansion of DiN and ISO.
4. Explain blend and composite.
5. What is meant by incineration ?

SECTION - B Answer any four questions. Each carry 2 marks.


6. Give the principle of extrusion moulding.
7. What is rheology.
9. Give the classification of fillers.
10. Give the different recycling code.
11. Explain the use of polymer composite

SECTION - C Answer any 3 questions. 3 marks each. (3x3=9)

12. Explain calendaring. What are its advantages and disadvantages ?
13. Explain flame retardants, stabilizers and colorants
14. What do you mean by the term standards ? Why is it needed ?
15. What is meant by chemical recycling ?
16. Explain the need for standards and specification.

SECTION - D Answer any Questions. 5 marks each. (2x5=10)

17. Explain transfer moulding and rotational moulding.
18. Explain photo degradation and oxidative degradation.
19. Explain the principles of plastic waste management.
20. Explain the different mechanical properties of polymers'


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NAM COLLEGE KALLIKKANDY :DEPARTMENT OF POLYMER CHEMISTRY
II SEMESTER MODEL EXAMINATION MARCH 2018
CORE COURSE IN CHEMISTRY
2BO2PCH: ANALYTICAL CHEMISTRY

Time: 3hrs

Max Mark : 40

Answer all questions each question carries one mark.

1. Give two examples of acid base indicators?
2. Give lewis concepts of acids and bases?
3. Explain the terms parts per million and parts per billion ?
4. Explain the term mole ?

Answer any seven question .Each question carries 2marks.

5. What are primary standards ?What are the qualities which primary standard must have ?
6. Give bronsted concept of acids and bases ?
7. Differentiate between molarity and molality ?
8. Sketch the titration curves for the titration of a strong acid against strong base ?
9. Explain the basis of hard hard and soft soft interactions ?
10. Sketch titration curve for Na_2CO_3 vs HCl ?
11. Why KMnO_4 is not used as a primary standard ?
12. Identify conjugate acid base pair in HF dissolved in H_2SO_4 ?
13. Calculate the mass of Mohr's salt required to prepare 100 ml of 0.1 N solution ?
14. Arrange the following compounds in the order of increasing acid strength ?
i) H_2O ii) CaCl_2 iii) SO_3 iv) CO_2 Give the reason ?

Answer any four question . Each question carries 3 Marks .

15. Explain the leveling effect of a solvent ?
16. What is pearsons concept of acids and bases ?
17. How are solvent classified ?
18. What is meant by common ion effect ?
19. A solution is prepared by dissolving 18.5 g of NaOH in distilled water to give 200ml of solution . Calculate the molarity of the solution ?
20. Give some important reactions carried out in liquid SO_2 ?

(Answer any 2 question .Each question carries 5 marks)

21. Discuss briefly the theory of acid base titrations ?
22. What is meant by HSAB principle ? What are its applications ?
23. Explain the special properties of liquid ammonia as a non- aqueous solvent ?
24. Discuss briefly the theory of redox indicators ?

Model Question paper for U.G Core Courses (Chemistry)-Theory

6B17CHE-C. POLYMER CHEMISTRY

KANNUR UNIVERSITY

Reg. No.:
Name:

Course code:

VI-----Semester

Total marks: 40
Time: 3hrs.

Answer the questions in English only

Section A

(Objective type - Each carries 1 mark -Answer all 4 questions)

1. What are the monomers used for the preparation of Nylon 66 ?
2. What is the chemical form of Ziegler Natta catalyst
3. Write the chemical formula for Isoprene
4. Give an example for semi synthetic polymer.

[4x1=4 marks]

Section B

(Short answer type - Each carries 2 mark -Answer 7 questions out of 10)

5. Explain the classification of polymers on the basis of thermal and mechanical properties.
6. Write a short note on glass transition temperature.
7. Explain the tacticity in polymers
8. Write a short note on neoprene rubber
9. Write the importance of Ziegler Natta catalyst in polymerization
10. Write a short note on vulcanization of rubber
11. Explain coordination polymerization
12. What is Gutta Percha ?
13. Give a short note on biodegradable polymers
14. Give examples for high temperature and fire-resistant polymers.

[7x2=14 marks]

Section C

(Short essay/problem type - Each carries 3 mark -Answer 4 questions out of 6)

15. Explain condensation polymerisation with the preparation of PET
16. Write the mechanism of addition polymerization using PVC
17. Explain the preparation of phenol-formaldehyde resins and Bakelite.
18. Explain ring opening polymerisation with an example
19. Explain ionic polymerisation
20. Write a short note on the environmental hazards of plastics and recycling

[4x3=12 marks]

Section D

(Long essay type - Each carries 5 mark -Answer 2 questions out of 4)

21. Explain Classification of Polymers on the basis of source, structure, composition and arrangement.
22. Explain the synthetic rubber with three examples.
23. Explain different kinds of moulding processes.
24. Write the applications of polymers in different fields.

NAM COLLEGE KALLIKKANDY :DEPARTMENT OF POLYMER CHEMISTRY
II SEMESTER INTERNAL EXAMINATION MARCH 2018
CORE COURSE IN CHEMISTRY
2BO2PCH: ANALYTICAL CHEMISTRY

Time: 3hrs

Max Mark : 40

Answer all questions each question carries one mark.

1. Give two examples of redox indicators?
2. Give lux flood concepts of acids and bases?
3. Explain the terms parts per million and parts per billion ?
4. Explain the term mole ?

Answer any seven question .Each question carries 2marks.

5. Why KMnO_4 can't be used as a primary standard ?
6. What is conjugate acid base pair ?
7. Differentiate between molarity and molality ?
8. Sketch the titration curves for the titration of a strong acid against strong base ?
9. Explain the basis of hard hard and soft soft interactions ?
10. Sketch titration curve for Na_2CO_3 vs HCl ?
11. Why KMnO_4 is not used as a primary standard ?
12. Identify conjugate acid base pair in HF dissolved in H_2SO_4 ?
13. Calculate the mass of Mohr's salt required to prepare 100 ml of 0.1 N solution ?
14. What is R_f value ?

Answer any four question . Each question carries 3 Marks .

15. Discuss the importance of solubility product in qualitative analysis ?
16. What is Pearson's concept of acids and bases ?
17. How are solvents classified ?
18. What is meant by common ion effect ?
19. A solution is prepared by dissolving 18.5 g of NaOH in distilled water to give 200ml of solution . Calculate the molarity of the solution ?
20. Give some important reactions carried out in liquid SO_2 ?

(Answer any 2 question .Each question carries 5 marks)

21. Discuss briefly the theory of acid base titrations ?
22. What is meant by HSAB principle ? What are its applications ?
23. Explain the special properties of liquid ammonia as a non- aqueous solvent ?
24. Discuss briefly the theory of redox indicators ?

N.A.M COLLEGE KALLIKKANDY : DEPT. OF POLYMER CHEMISTRY
VI SEMESTER MODEL EXAMINATION FEB - 2018
CORE COURSE IN CHEMISTRY
6B16 CHE: PHYSICAL METHODS IN CHEMISTRY

Time : 3 Hrs

Max marks : 40

SECTION A : Answer all Questions: ONE mark each: $4 \times 1 = 4$

1. Identify the point group of NH_3 and SO_2
2. A linear N atomic molecule can have -----number of fundamental vibrations.?
3. Name the internal standard in nmr
4. The most intense peak in mass spectrum is called -----

SECTION B: Answer any 7 question: each carry 2 mark : $7 \times 2 = 14$

5. What is Born-oppenheimer approximation?
6. How will you distinguish 1-chloropropane and 2-chloropropane from their nmr spectra?
7. What is the origin of molecular ion peak?
8. What is half wave potential?
9. Why IR spectroscopy is known as a finger print technique?
10. Identify the mirror planes in BF_3
11. Differentiate between auxochrome and chromophore?
12. Give the group multiplication table of H_2O molecule.
13. Among HCl , CH_4 , CH_3Cl , H_2 , H_2O and SF_6 , which of the molecule will show microwave rotational spectra? Why ?
14. What are the selection rules of rotational spectra?

SECTION C : Answer Any 4 question: 3 marks each: $4 \times 3 = 12$

15. Write note on Chemical shift and spin-spin coupling.
16. How will you identify inter and intra molecular hydrogen bonding in IR spectroscopy?
17. Explain McLafferty rearrangement with example.
18. Calculate the λ_{max} of butadiene and 2,4-dimethylpenta-1,3-diene by using Woodward Fieser rule ?
19. Write a note on rotational vibrational spectra of diatomic molecule?
20. What are the factors affecting chemical shift in nmr spectroscopy?

SECTION D: Answer any 2 question : 5 marks each: $2 \times 5 = 10$

21. Explain the factors affecting vibrational frequency.
22. Discuss the theory and instrumentation of microwave spectroscopy.
23. Explain different symmetry elements?
24. a) State and explain Beer Lambert's law?
b) A substance when dissolved in water at .001 molar concentration absorbs 10 percent of the incident radiation in a path length of 1 cm. What would be the concentration of the solution in order to absorb 90 percent of the same radiation?

MODEL EXAM MARK DETAILS -2018-21 BATCH

VI SEM BSC COMPUTER SCIENCE H -System Software

SNO	REGNO	NAME	MARK
1	NMCCSR001	Aysha K V	34
2	NMCCSR002	K K Fathimathil Raqeeba	34
3	NMCCSR003	Safreena.N	30
4	NMCCSR004	HASEEB K	36
5	NMCCSR005	Mohammed Risham V	34
6	NMCCSR006	SAHAD OA	36
7	NMCCSR007	FATHIMATHU RISHANA T	30
8	NMCCSR008	KiranP K	26
9	NMCCSR009	Muneeba K	34
10	NMCCSR010	SHADA MIRZA	30
11	NMCCSR011	Thasneem B	34
12	NMCCSR012	Varna Remashan	32
13	NMCCSR013	Abhinand. P. K	32
14	NMCCSR014	ANJEENATH KB	34
15	NMCCSR015	MOHAMMED FASEEN	24
16	NMCCSR016	AJMALA FARHATH	24
17	NMCCSR017	Amina sheika naurin T	30
18	NMCCSR018	ATHIRA	36
19	NMCCSR019	Fahmida surayya	0
20	NMCCSR021	ABHILASH.K	33
21	NMCCSR023	AMAL	0
22	NMCCSR024	Farhan Usman T K	30
23	NMCCSR025	Vibijith Kongatt	30
24	NMCCSR026	Arshina P	32
25	NMCCSR027	Fathima Nusreen	0
26	NMCCSR028	Fathimathu Nihala Sherin k k	32
27	NMCCSR029	Shahana kc	32
28	NMCCSR030	Yusra Yasir	32
29	NMCCSR031	Muhammed Aanas P P	30
30	NMCCSR032	Haroon Albar	30
31	NMCCSR033	Mohammed afiehi mohammed ali p p	28
32	NMCCSR034	Muhammed Rhil k	28
33	NMCCSR035	Ifthihal saleem Puthan Kulathil	34

Dept. of Polymer Chemistry: N.A.M College Kallikkandy
Internal Exam Marks of II Sem Students 2017 (2017-2020 Batch)

Name of the Paper: 2B02PCH Analytical Chemistry

Sl No.	Reg. No.	Name of candidates	Mark 40
1.	NM17CPCR01	ARSHIDA K K	30
2.	NM17CPCR02	FASNA P	36
3.	NM17CPCR03	FATHIMATH FOUUIDA P	21
4.	NM17CPCR04	HASNATH K M	19
5.	NM17CPCR05	JAFLA E P	20
6.	NM17CPCR06	RASMINA C K	21
7.	NM17CPCR07	RISANA THASNEEMA K	20
8.	NM17CPCR08	SAFWANA K	24
9.	NM17CPCR09	SHADIYA K	22
10.	NM17CPCR10	SHAHANA M	20
11.	NM17CPCR11	SHARIMA MAHIRA V P	28
12.	NM17CPCR12	SHERIN SHAHANA MAHAMOOD V K	25
13.	NM17CPCR14	ABDUL JALEEL M V	26
14.	NM17CPCR15	AKSHAYA T	21
15.	NM17CPCR16	ARATHI A V	37
16.	NM17CPCR17	HRIDHYA SURESH K	26
17.	NM17CPCR18	RIYONA P	23
18.	NM17CPCR19	FAHEEM FAHIS	21
19.	NM17CPCR20	ALIYA ABDULLA	38
20.	NM17CPCR21	ANAGHA RAJAN K K	30
21.	NM17CPCR23	NAICY T K	25
22.	NM17CPCR24	NAJIYA NASREEN	24
23.	NM17CPCR25	SHAMNA SHERIN A K	35
24.	NM17CPCR26	ZAHARA A P	34
25.	NM17CPCR29	JISHNU K	32
26.	NM17CPCR28	FARSANA P	25
27.	NM17CPCR29	FATHIMA AFA	22
28.	NM17CPCR30	HENNA SHERIN A	27
29.	NM17CPCR31	NASEEBA FARZANA T P	21
30.	NM17CPCR32	RAHILATH C P	32
31.	NM17CPCR33	SUHANA MAHAMOOD V P	27
32.	NM17CPCR34	SHAMZ AL NIZAM G	19

Signature
Paper In Charge:

H.O.D

N.A.M COLLEGE, KALLIKKANDY
Fourth Semester 2ND internal Examination, February 2018
MARK LIST

Sl.No	Reg.No	Name	OR	AI	MC
1	B6PSCS1201	ANAGHA N	31	55	51
2	B6PSCS1202	ARSHIDA O P	30	44	42
3	B6PSCS1203	ASHIFA P	39	60	62
4	B6PSCS1204	ASNA K	39	61	60
5	B6PSCS1205	ASWANI RAJAN T P	32	41	42
6	B6PSCS1206	DRISHYA MOHAN K	32	44	45
7	B6PSCS1207	FATHIMA T	28	45	39
8	B6PSCS1208	GANAM	29	46	38
9	B6PSCS1209	HAMERAVALIYA PARAMBATH	30	56	57
10	B6PSCS1210	HOULA	29	55	46
11	B6PSCS1211	JOSHITHA K	27	51	49
12	B6PSCS1212	RAHILA K	22	36	45
13	B6PSCS1213	RAHINA E K	30	46	56
14	B6PSCS1214	RAMSEENA CHERIYA AMBILIRIMMAL	35	54	58
15	B6PSCS1215	SAJINA P P	34	55	57
16	B6PSCS1216	SHARMYA P	32	49	59
17	B6PSCS1217	SITHANYA K	30	41	49
18	B6PSCS1218	SOUPARNIKA N P	29	40	45
19	B6PSCS1219	SRUTHI V P	30	53	45

N.A.M COLLEGE, KALLIKKANDY
Fourth Semester 2ND internal Examination, MARCH 2018
MARK LIST

Sl.No	Reg.No	Name	OR	AI	MC
1	B6PSCS1201	ANAGHA N	55	51	39
2	B6PSCS1202	ARSHIDA O P	44	42	31
3	B6PSCS1203	ASHIFA P	60	62	58
4	B6PSCS1204	ASNA K	62	60	58
5	B6PSCS1205	ASWANI RAJAN T P	41	42	56
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7	B6PSCS1207	FATHIMA T	45	39	39
8	B6PSCS1208	GANAM	46	38	48
9	B6PSCS1209	HAMERAVALIYA PARAMBATH	56	57	56
10	B6PSCS1210	HOULA	55	46	54
11	B6PSCS1211	JOSHITHA K	51	49	49
12	B6PSCS1212	RAHILA K	36	45	42
13	B6PSCS1213	RAHINA E K	46	56	55
14	B6PSCS1214	RAMSEENA CHERIYA AMBILERIMMAL	54	58	59
15	B6PSCS1215	SAJINA P P	55	57	50
16	B6PSCS1216	SHARMYA P	49	59	55
17	B6PSCS1217	SITHANYA K	41	49	45
18	B6PSCS1218	SOUPARNIKA N P	40	45	46
19	B6PSCS1219	SRUTHI V P	53	45	57

SIXTH SEMESTER MODEL EXAMINATION RESULT MARCH 2018

DEPT. OF POLYMER CHEMISTRY

Sl No:	Reg No:	NAME	Org III (40)	Phy III (40)	Phy Methods (40)	Poly (Elective) (40)
1	NM15CPCR01	ASHMILA ABOOBACKER	36	31	26	34
2	NM15CPCR02	AYISHA P	38	30	10	38
3	NM15CPCR03	JASMINE A V	36	22	22	34
4	NM15CPCR04	JUMANA HASEEN N P	36	33	Abs	32
5	NM15CPCR05	MAHAFOOSA PARVEEN.P.K	32	30	23	32
6	NM15CPCR06	NADIRA M P	37	24	26	37
7	NM15CPCR07	RUKSANA E	Abs	16	9	31
8	NM15CPCR08	AFA ASHRAF	40	37	33	33
9	NM15CPCR09	AFSIDA P	15	8	9	22
10	NM15CPCR10	AMALENDU T M	36	32	31	36
11	NM15CPCR11	ANJANA T M	35	36	38	37
12	NM15CPCR12	FAYISA ASHRAF C P	24	12	12	19
13	NM15CPCR13	MUBEENA.C.H	Abs	30	11	35
14	NM15CPCR14	MUHSINA.V.P	40	40	36	37
16	NM15CPCR16	AISHA KUNHABDULLA	40	40	37	35
17	NM15CPCR17	ARSHINA P P	6	2	4	13
18	NM15CPCR18	FATHIMA RIZWANA K	40	37	35	37
19	NM15CPCR19	FAZMINA HAMEED	1	26	20	39
20	NM15CPCR20	JASEELA	33	11	13	32
21	NM15CPCR21	SAJEERA P K	40	32	30	38
22	NM15CPCR22	STALI MUNNA S S	24	8	17	29
23	NM15CPCR23	ASHIL K P	22	19	8	35
24	NM15CPCR24	ASMINA K	19	8	3	35
25	NM15CPCR25	FATHIMA C P	1	2	Abs	16
26	NM15CPCR26	MUFNIDA N	36	40	28	37
27	NM15CPCR27	RISVANA P K	Abs	Abs	Abs	Abs
28	NM15CPCR28	SHAFLA.C P	34	21	18	35

SIXTH SEMESTER INTERNAL EXAMINATION RESULT FEB 2018

DEPT. OF POLYMER CHEMISTRY

Sl No:	Reg No:	NAME	Org III (40)	Phy III (40)	Phy Methds (40)	Poly (Elective) (40)
1	NM15CPCR01	ASHMILA ABOOBACKER	30	28	26	34
2	NM15CPCR02	AYISHA P	38	30	10	38
3	NM15CPCR03	JASMINE A V	36	22	22	34
4	NM15CPCR04	JUMANA HASEEN N P	36	33	28	32
5	NM15CPCR05	MAHAFOOSA PARVEEN.P.K	32	30	23	32
6	NM15CPCR06	NADIRA M P	37	24	26	37
7	NM15CPCR07	RUKSANA E	32	16	9	31
8	NM15CPCR08	AFA ASHRAF	40	37	33	33
9	NM15CPCR09	AFSIDA P	25	5	12	22
10	NM15CPCR10	AMALENDU T M	21	32	31	36
11	NM15CPCR11	ANJANA T M	35	36	38	37
12	NM15CPCR12	FAYISA ASHRAF C P	24	12	12	19
13	NM15CPCR13	MUBEENA.C.H	Abs	30	11	35
14	NM15CPCR14	MUHSINA.V.P	40	40	36	37
16	NM15CPCR16	AISHA KUNHABDULLA	40	40	37	35
17	NM15CPCR17	ARSHINA P P	6	2	4	13
18	NM15CPCR18	FATHIMA RIZWANA K	40	37	35	37
19	NM15CPCR19	FAZMINA HAMEED	1	26	20	39
20	NM15CPCR20	JASEELA	33	28	13	32
21	NM15CPCR21	SAJEERA P K	40	40	30	38
22	NM15CPCR22	STALI MUNNA S S	24	8	17	29
23	NM15CPCR23	ASHIL K P	22	19	8	35
24	NM15CPCR24	ASMINA K	19	8	3	35
25	NM15CPCR25	FATHIMA C P	1	2	Abs	16
26	NM15CPCR26	MUFNIDA N	36	40	28	37
27	NM15CPCR27	RISVANA P K	20	28	32	28
28	NM15CPCR28	SHAFLA.C P	34	21	18	24

NAM COLLEGE KALLIKKANDY

IV SEMESTER MSc Computer Science 2nd Internal Examination February 2018

MCS 4E 11 : Mobile Computing

Time 3 Hrs

Max.Marks:80

SECTION A

Answer Any 10 Questions. Each Carries 3 Marks

1. List the advantages of mobile computing.
2. What are the functions of mobile computing ?
3. Mention the various channels in GPRS
4. Define RFID.
5. What are the data services in GPRS ?
6. Compare and contrast WIMAX and WiFi.
7. What are the applications of WAP ?
8. Mention the primitive data types of WML script.
9. What are the uses of CDMA in GSM ?
10. List out the applications VoIP.
11. Mention the importance of call routing.
What are the significant features of WLAN ?

SECTION B

13 (a). Explain goals, applications and features of Mobile Computing

OR

(b). With neat diagram, discuss the design issues of the mobile computing briefly.

14(a) Describe the mile stone of mobile computing paradigm.

OR

(b). With neat diagram explain how packet delivery to and from a mobile ' node is transferred in Mobile IP.

15(a). Describe the authentication and security aspects of GSM briefly

OR

(b). Discuss the various multiple access techniques used in GSM.

16(a) With neat diagram discuss the protocol architecture of WAP'

OR

(b) Explain the WML scripts used in mobile devices, with suitable diagrams

17(a) Describe services and design issues of physical and data link layer of WLAN.

OR

(b) Explain the features and merits of Mobile VoIP

N A M COLLEGE KALLIKKANDY
IV SEMESTER MSc COMPUTER SCIENCE INTERNAL EXAMINATION –MARCH 2018
MCS4E08-OPERATIONS RESEARCH

Section A

Answer any 10 Questions Each carries 3 marks.

1. Define float total float and free float.
2. What is balking reneging and jockeying in queuing theory.
3. Define 3 time estimates of PERT.
4. Mention the rules of drawing a network diagram.
5. Explain the category of queuing models.
6. Write a note about birth and death process.
7. Explain the terms
a) Feasible solution b) basic feasible solution c) optimal solution
8. Explain the relation between primal and dual of LPP
9. What are the steps involved in the strategy of integer programming problem
10. Briefly explain about Hungarian method for solving assignment problem
11. Write a short notes on travelling salesperson problem.
12. What do you mean by artificial variable method. Explain it briefly.

Section B

Answer any 5 Questions Each carries 10 marks

- 13.(a) A Company has 6 jobs A-F. All the jobs have to go through the machines M1 & M2. The time required for the jobs on each machine in hrs is given below. Find the optimum sequence.

Jobs	A	B	C	D	E	F
M1	1	4	6	3	5	2
M2	3	6	8	8	1	5

OR

(b) A project consists of the following activities.

Activity	1-2	1-3	1-4	2-3	2-4	3-4	3-5	4-5	5-6
Time	5	6	8	5	7	8	6	4	5

14.(a) (i) Define stochastic process. Explain its classification.

6

(ii) Explain the elements of a queuing system.

4

OR

(b) Define Markov process and Markov chain. Write a note about poisson process.

15. (a) solve the travelling salesperson problem

	A	B	C	D	E
A	∞	4	10	14	2
B	12	∞	6	10	4
C	16	14	∞	8	14
D	24	8	12	∞	10
E	2	6	4	16	∞

OR

(b) Solve the transportation problem for minimization

				supply
	2	2	3	10
	4	1	2	15
	1	3	1	40
demand	20	15	30	

16. a) using the following cost matrix determine

- 1) Optimal job assignment
- 2) The cost of assignment

	1	2	3	4	5
A	10	3	3	2	8
B	9	7	8	2	7
C	7	5	6	2	4
D	3	5	8	2	4
E	9	10	9	6	10

OR

b) find the optimal integer solution to the following LPP

$$\max z = x_1 + 2x_2$$

subject to

$$2x_2 \leq 7$$

$$x_1 + x_2 \leq 7$$

$$2x_1 \leq 11$$

$$x_1, x_2 \geq 0 \text{ and are integers.}$$

17.a) use the simplex method to solve the LPP

$$\text{Max } z = 3x_1 + 2x_2$$

Subject to

$$x_1 + x_2 \leq 4$$

$$x_1 - x_2 \leq 2$$

$$x_1, x_2 \geq 0$$

OR

b) solve the LPP using Big M method

$$\text{Min } z = 5x_1 + 6x_2$$

Subject to,

$$2x_1 + 5x_2 \geq 1500$$

$$3x_1 + x_2 \geq 1200$$

$$x_1, x_2 \geq 0$$

NAM COLLEGE KALLIKKANDY

IV SEMESTER MSc Computer Science 1st Internal Examination March 2018

MCS 4E 11 : Mobile Computing

Time 3 Hrs

Max.Marks:80

SECTION A

Answer Any 10 Questions. Each Carries 3 Marks

1. What are the applications of mobile computing ?
2. What are the functions of mobile computing ?
3. Mention the various channels in GPRS
4. Define multiplexing and types of multiplexing.
5. List out the various challenging issues of mobile IP.
6. Compare and contrast between GEO and LEO.
7. What are the applications of WAP ?
8. Mention the primitive data types of WML script.
9. How mobility management operations in GSM ?
10. List out the applications VoIP.
11. Mention the importance of call routing.
12. Compare and contrast encapsulation and tunneling

SECTION B

13 (a). Discuss the classification of mobile networks with various parameters.

OR

(b). With suitable diagram explain the simplified functional model of mobile communication system..

14(a) i) Explain the evolution telephony system.

ii) What are the properties of FIFID ?.

OR

(b). With neat diagram explain how packet delivery to and from a mobile ' node is transferred in Mobile IP.

15(a). Discuss the mobility management and security aspects of GSM

OR

(b). Discuss the various multiple access techniques used in GSM.

16(a) With neat diagram discuss the protocol architecture of WAP'

OR

(b) Explain the importance of WAP and its applications briefly

17(a) Explain the design issues of mobile IPv6 and mobile voice over IP briefly

OR

(b) Explain the features and merits of Mobile VoIP

N A M COLLEGE KALLIKKANDY
IV SEMESTER MSc COMPUTER SCIENCE INTERNAL EXAMINATION –MARCH 2018
MCS4E20-Artificial Intelligence

Section A

Answer any 10 Questions Each carries 3 marks.

1. Write a note about PROLOG.
2. Write a note about planning.
3. Explain Patrick's wintson's work on learning concepts.
4. Explain Inductive Bias and Learnability.
5. Explain Unsupervised Learning.
6. Write a note on black board architecture
7. Explain briefly AND/OR Graph
8. What are the structure of state space search
9. What is AI?
10. Discuss the importance of Conceptual Graph
11. Compare and Contrast Propositional and Predicate Calculus.
12. Discuss the 8 Puzzle problem

Section B

Answer any 5 Questions Each carries 10 marks

13. (a) Explain about Rule based expert system.
OR
(b) Explain about case based ,rule based, model based and hybrid reasoning.
14. (a) Explain Framework for symbol based learning.
OR
(b) Explain ID3 Decision tree inductive algorithm.
15. (a) Describe Depth First Iterative Deepening search Method
OR
(b) Explain Production system with example.
16. (a) What is Unification ? Explain with an Example.
OR
(b) Explain Pattern directed search.
17. (a) Explain Breadth First search algorithm. Write its merits and demerits.
OR
(b) What do you mean by Heuristics ? Describe the role of Heuristics in solving problems.

N A M COLLEGE KALLIKKANDY
IV SEMESTER MSc COMPUTER SCIENCE MODEL EXAMINATION –FEB 2018
MCS4E08-OPERATIONS RESEARCH

Time:1 1/2Hr

Marks:40

Section A

Answer 4 Questions. Each Carries 21/2 mark.

- 1.Explain the terms
a)Feasible solution b)basic feasible solution c) optimal solution
2. Explain the relation between primal and dual of LPP
3. What are the steps involved in the strategy of integer programming problem
- 4.Briefly explain about Hungarian method for solving assignment problem
- 5.write a short notes on travelling salesperson problem.
- 6.what do you mean by artificial variable method. Explain it briefly.

Section B

Answer any 3 Questions Each carries 10 marks

7. (a) solve the travelling salesperson problem

	A	B	C	D	E
A	∞	4	10	14	2
B	12	∞	6	10	4
C	16	14	∞	8	14
D	24	8	12	∞	10
E	2	6	4	16	∞


Kallikkandy

17-01-2020

NOTICE

This is to inform you that Fourth and Sixth semester Internal Examination is scheduled to conduct during the third week and fourth week(20-01-2020 to 27-01-2020) of Jan 2020. All HoDs are directed to make all arrangements beforehand in order to complete the examination on time and submit question papers and mark list to Academic Monitoring Committee as directed.




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NAM COLLEGE KALLIKKANDY
VI Semester B.Com Degree Internal Examinations, January 2020
CORE COURSE IN COMMERCE
6B14 COM: Management Accounting

Time: 1½ Hours

Max. Marks: 20

PART – A

This part consists of **four** questions carrying ½ mark. Answer all questions.

1. Comparison of financial variables over a period of time is known as -----
2. ----- is the difference between actual sales and breakeven sales.
(2x½=1)

PART B

Answer any **2** questions in one or two sentences each. Each question carries one mark.

3. Define P/V Ratio
4. What do you mean by inter firm comparison?
5. What do you mean by Break Even Chart?

PART C

Answer any **three** questions. Answer not to exceed one page. Each carries 3 Marks.

6. What is marginal costing? What are its assumptions?
7. Define Management Accounting and explain its scope.
8. Prepare a comparative statement and analysis the financial position

	2017 (in lakhs)	2018 (in lakhs)
Net sales	600	750
Cost of goods sold	400	600
Administrative expenses	20	20
Selling expenses	10	10
Net profit	170	120


9. From the following data calculate:

- (i) Break even Point expressed in amount of sales in rupees
- (iii) How many units are to be sold to earn a net income of 15% of sales?

Selling price per unit	Rs.40
Variable manufacturing cost per unit	Rs.22
Variable selling cost per unit	Rs. 3
Fixed Factory overhead	Rs. 160,000
Fixed selling cost	Rs, 20,000

PART- D

Answer any **one** questions, each question carries 8 marks.


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PART- D

Answer any **two** questions, each question carries 8 marks.

10. From the following particulars calculate:

- (i) P/v Ratio
- (ii) Break even point
- (iii) Margin safety
- (iv) Sales required to earn a profit of Rs 150,000
- (v) Profit when sales are Rs 10,00,000
- (vi) Margin of safety available to it, if the company is earning a profit of

Rs. 200,000	
Fixed overhead	Rs.150,000
Profit	Rs.100,000
Sales	Rs.500,000



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N A M COLLEGE KALLIKKANDY
Sixth Semester B Com Degree
INTERNAL EXAMINATION JANUARY 2020
Financial Markets and Services

Time 2 Hrs

Maximum Mark 20

Part A

Answer **all** questions. Each carries $\frac{1}{2}$ marks

1. The market where long-term funds are borrowed and lend is called -----
2. ----- is the important instrument for short-term borrowings by the Government.

(2 X $\frac{1}{2}$ = 1)

Part B

Answer any **two** questions. Each question carries 1 mark

3. What is financial market?
4. What do you mean by forward or future market?
5. What is secondary market?

(2 X 1 = 2)

Part C

Answer any **three** questions. Each question carries 3 marks

5. Explain the structure of Indian financial system.
6. What are the characteristics of financial instruments
7. What is commercial bill market? What are its advantages.
8. What are the characteristics of money market

(3 X 3 = 9)

Part D

Answer any **one** questions. Each question carries 8 marks

10. Explain the structure and weakness of Indian financial system.
11. Briefly explain the different money market instruments with its relative merits and demerits

(1 X 8 = 8)


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NAM COLLEGE KALLIKKANDY

VI Semester B.Com Degree Model Examination Internal Jan 2020

Modern Banking

Part – A

Answer all questions' Each carries $\frac{1}{2}$ mark

1. Banks which undertakes both commercial banking and industrial banking is known as
2. MICR stands for
3. Latest Demonetization of Rupees thousand was declared on
4. RTGS stands for

(4x $\frac{1}{2}$ =2)

Part – B

Answer any four questions. Each carries one mark.

5. What is NABARD ?
6. What is Branch Banking ?
7. What is Repo rate ?
8. What is a scheduled Bank ?
9. What is Banker's Lien ?
10. What is a stale cheque ?

(4x1=4)

Part – C

Answer any six questions (not exceeding one page). Each carries three marks.

11. Who are the parties to a negotiable instrument ?
12. What is endorsement ? Name different types.
13. Enumerate the functions of RBI.
14. Who is a Merchant Banker ?
15. Which are the basic lending principles ?
16. What are the limitations of credit creation ?
17. What is special crossing ?
18. What is Demonetization ?

(6x3=18)

Part – D

Answer any two questions. Each answer carries eight marks.

19. What are the modern functions of Commercial Bank ?
20. Explain the quantitative and qualitative methods of credit control.
21. Discuss the Banker customer relationship. Explain the rights and duties.

(2x8=16)


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N A M COLLEGE KALLIKANDY

VI Semester B.Com. Degree Internal Examination, January 2020

CORE COURSE

6B19COM : Co-Operation - IV Co-operative Accounting and Legislations

Time : 3 Hours

Max. Marks : 25

PART _ A

This part consist of two questions carrying 1/2 marks each. Answer all questions in one word.

1. What is the name given to the trial balance of primary co-operative societies/ banks?
2. Which is the audit conducted by the co-operative department for ensuring the completion of audit at the end of each co-operative year? ($\frac{1}{2} \times 2 = 1$)

PART _ B

Answer any four questions in one or two sentences each. Each question carries one mark each.

3. Define a Day Book.
4. What is Audit Report?
5. What is Criminal Liability of an auditor?
6. What is Co-operative Tribunal?
7. Define Dispute.
8. What is Docketing

(1 x 5 = 5)

PART _ C

Answer any four questions. Answer should not exceed one page each" Each question carries three marks each.


9. What is Net Profit? Explain the disposal of net profit of a co-operative society.
10. What you mean by Co-operative Arbitration court?
11. Briefly explain Appeal, Revision and Review.
12. Explain the functions of State Co-operative Union.
13. What is Co-operative Tribunal? Explain the functions of the tribunal.
14. Briefly explain the Director of Co-operative Audit.

(3 x 4 = 12)

PART - D,

Answer any two questions. Answer should not exceed four pages each. Each question carries eight marks each.

15. Explain briefly the types of Books and Registers maintained by Co-operative Societies as per the provisions of the Co-operative Societies Act and Rules.


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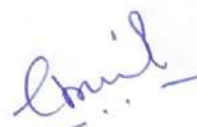
16. The Receipt and Disbursement Statement of a Consumer Co-operative Society for the year 2010-11 and the adjustment on 31-3-2011 are given below. Prepare Trading, Profit and Loss Account for the year 2011 and a balance Sheet as on 31-3-2011

Receipts and Payments for the Year 2010-11

Receipts	Amount	Payments	Amount
Share Capital	25000	Deposit paid	40000
Deposits Received	100000	District Bank Loan	20000
Dist. Bank Loan taken	180000	Interest Paid to DCB	13000
Admission fee	2500	Shares invested	10000
Sale of form	600	Salary	9000
Loan from members	40000	Loan to members	225000
Sale of goods	209900	Office rent	1100
Managerial grant	3000	Printing and stationary	750
Miscellaneous receipts	250	Traveling allowance	300
Interest collected from members	17000	Registration expenses	280
Interest on bank account	150	Furniture	7500
Bank withdrawals	55000	Purchases	220000
Advance due by (Cr)	9000	Postage	150
Advance due to (Cr)	4000	Bank charge	20
		Admission fee paid	200
		Office contingencies	200
		Land purchased	10000
		Bank deposit	60000
		Trade charge	2500
		Advance due by (dr)	5000
		Advance due to (dr)	7000
Total	637400	Total	632000
Opening balance	Nil	Closing balance	5400
		(balancing figure)	
Grand total	637400	Grand total	637400

- Adjustments: 1) closing stock as on the end of the year is valued at Rs. 42,000.
 2) Interest pending collection from members at the end of the year Rs. 15,000.
 3) Interest pending payment to District bank Rs. 5,000
 4) Salary pending payment Rs. 1,200.
 5) Rent pending payment Rs. 200.
 6) Give provision for gratuity Rs. 600.
 7) Depreciate furniture by 10%

(8 x 1 = 8)


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IV Semester BCom Internal Examination January 2020

Core course (Optional)

Management of Cooperatives

Time 3 hours

Score 40

Part A

This part consists of four questions carrying $\frac{1}{2}$ marks each. Answer all questions in one word

1. In 1946..... committee recommended the formation of multipurpose cooperative society
2. the PACS was formed as per the..... societies Act
3. large size credit society started as per the Recommendation of.....
4. the area of operation of a DCB is normally..... $\frac{1}{2} \times 4 = 2$

Part B

Answer any four questions in one or two sentences each. Each question carries one mark each

5. what is DV file?
6. what is incremental income?
7. what is one time settlement?
8. what is Mutual arrangement scheme?
9. what is urban Cooperative Bank?
10. define Cooperative building society $1 \times 4 = 4$

Part C

Answer any six questions. Answer should not exceed one page. Each question carries three marks each

11. how cooperation as an economic philosophy?
12. state the values of cooperation
13. cooperation is a people's movement discuss
14. explain the principle of Democratic control
15. state the objectives of ICA
16. point out the features of early Cooperative Movement in Great Britain
17. write the features of Rochdale pioneers
18. write a short note on Kapoor committee $3 \times 6 = 18$ Part D

Answer any two questions. Answer should not exceed four pages each. Each question carries 8 marks each

19. draft an essay on Cooperative credit Movement in Kerala
20. discuss the functioning of service cooperative banks in Kerala
21. illustrate the working of Kerala State Cooperative Bank? $8 \times 2 = 16$


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NAM COLLEGE, KALLIKKANDY
IV Semester B.Com Degree Internal Examination ^{Jan} ~~Mar~~ 2020
General Informatics Skills

Time 2 Hrs

Max. Marks: 20

PART – A

Answer any THREE questions from the following. Each carries 1 Mark

1. What is RAM ?
2. What is an application software?
3. What is data?
4. What is search engine ?

(3 x 1 =3 marks)

PART-B

Answer any THREE questions from the following. Each carries 3 Marks

5. Enumerate internet access methods.
6. Explain the guidelines for proper usage of Internet.
7. What are the advantages of E-governance ?
8. Explain cyber ethics.

PART – D

Answer any ONE questions from the following. The question carries 8 Marks

9. Discuss briefly various programmes for office management.
10. What is topology? What are different types of topology?
11. he different types of network topologies?


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PG DEPARTMENT OF COMMERCE
IV SEMESTER BCOM DEGREE
FIRST INTERNAL EXAMINATION JANUARY 2020
4A13 COM ENTREPRENEURSHIP

Time 1 ½ Hrs

Maximum Mark 20

Part A

Answer **all** questions. Each carries ½ marks

1. An entrepreneur who is not interested in taking risk is called -----
2. ----- are entrepreneurial couples as co-owners of business.

(2 X ½ = 1)

Part B

Answer any **two** questions. Each question carries 1 mark

3. What is Women Entrepreneurship?
4. What is achievement motivation?
5. Define small scale industries

(2 X 1 = 2)

Part C

Answer any **three** questions. Each question carries 3 marks

6. Distinguish between Entrepreneur and Manager.
7. State the objectives of EDP.
8. Who is a Fabian Entrepreneur ?
9. What are the different types of social entrepreneurs?

(3 X 3 = 9)

Part D

Answer any **one** question. Each question carries 8 marks

10. Define MSME. Discuss the steps involved in setting up a MSME.
11. What are the factors affecting Entrepreneurial Growth?

(1 X 8 = 8)


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NAM COLLEGE KALLIKKANDY

FOURTH SEMESTER M.COM – INTERNAL EXAMINATION JANUARY 2020

SECURITY ANALYSIS & PORTFOLIO MANAGEMENT

TIME: 1.5 Hour

MAX. MARKS: 30

SECTION _ A


**Answer all questions in this Section. Each question carries 2 mark for Part {a},
3 marks for Part (b) and 5 marks for Part (c)**

1. A) Define Investment.
B) What are the objectives of Investment ?
C) How investment is differentiated from speculation ?
2. A) What is margin trading ?
B) What are the methods of floating new issues ?
C) Describe the functions of Stock Exchanges.

SECTION - B

Answer the following questions in this Section. question carries 12 marks.

3. 'Investment in mutual fund is better than investment in stock market' Comment. Also describe different types of mutual funds.


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II Semester M.Com Degree

Internal Examination January-2020

COM2C07-RESEARCH METHODOLOGY AND COMPUTER APPLICATION

Time: 3Hrs.

Max. Marks: 60

Section-A


Answer any four questions in this section.

- | | |
|--|---|
| 1. a) Define research. | 1 |
| b) Discuss the features of good research. | 3 |
| c) Distinguish between Pure and Applied research. | 5 |
| 2. a) What is Social research | 1 |
| b) What are the objectives of social research? | 3 |
| c) Briefly describe different steps involved in research process. | 5 |
| 3. a) Define research problem | 1 |
| b) What are the sources from which research problem originate | 3 |
| c) Explain main issues which should receive the attention of the researcher in formulating the research problem. | 5 |
| 4. a) What is research design. | 1 |
| b) Distinguish between descriptive and diagnostic research design. | 3 |
| c) Explain the components of research design. | 5 |
| 5. a) Explain the term population and sample. | 1 |
| b) What are the essential qualities of good sample? | 3 |
| c) Explain the steps involved in applying chi-square test. | 5 |
| 6. a) What is a research report? | 1 |
| b) Discuss the requisites of a good research report. | 3 |
| c) Explain various steps in research report writing. | 5 |

Section-B

Answer any two questions in the section. Each question carries 12 Marks.

7. A) The following data give the number of units product per day by 4 workers A,B,C,D using four different types of machines M_1, M_2, M_3, M_4


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	M ₁	M ₂	M ₃	M ₄
A	45	42	48	38
B	40	32	50	34
C	43	36	44	40
D	36	38	46	36

- i) Test whether the mean productions of the four different types of machines are equal.
- ii) Test also whether the four workers differ with respect to mean productivity,

OR

B) What are the different methods of sampling? Explain.

8. A) From the following table showing the number of plants having certain character, test the hypothesis that the flower colour is independent of flatness of leaves.

Flowers \ Leaves	Flat leaves	Curled leaves	Total
	White flowers	99	36
Red flowers	20	5	25
Total	119	41	160

OR

- B) Bring out the role of case study method in a sociological research.


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M.Com Second Semester Internal Examination Jan 2020

Costing for Management Decision

Time: 3 Hours

Maximum Marks: 60

SECTION - A

Answer any four questions. Each question carries 1 mark for (a), 3 marks for (b) and 5 marks for (c):

1. a) Define cost accounting.
b) What are the advantages of cost accounting?
c) Distinguish between marginal costing and differential costing.
2. a) What do you mean by marginal costing?
b) What is CVP analysis?
c) Explain the scope of cost accounting.
3. a) What is break even chart?
b) Explain contribution margin with the help of an example.
c) From the following calculate:
 - i) P/V Ratio
 - ii) the amount of the fixed expenses
 - iii) the number of units to break even
 - iv) the number of units to earn a profit of Rs,80000

The selling price per unit can be assumed at Rs.100. The company sold in two successive periods 14,000 units and 18,000 units and has incurred a loss of Rs.20,000 and earned Rs.20,000 as profit respectively.

4. a) What is material cost variance?
b) Explain importance of variance analysis.
c) From the following information, calculate material mix and yield variances:

	Std Mix	Actual Mix
Material A	300 units @ Rs.20	240 units @ Rs.22
Material B	150 units @ Rs.15	210 units @ Rs.18

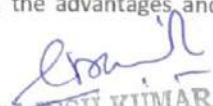
Standard loss allowed is 10% of input. Actual output is 400 units.

5. a) What is BEP?
b) Explain different types of break even charts.
c) From the following find out BEP:
Variable cost per unit Rs.45
Selling price per unit Rs.60
Fixed expenses Rs. 1,62,000.
What should be the selling price if the BEP should be brought down to 18000 units.
6. a) What is cost control?
b) Explain features of value analysis.
c) What are the various techniques of value analysis?

SECTION -B

Answer any two questions. Each question carries 12 marks.

7. a) What is cost reduction? How it differs from cost control? Explain the advantages and disadvantages of cost reduction.


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OR

b) Define differential costing. Explain the managerial applications of differential costing.

8. a) From the following data, calculate overhead variances.

	Budgeted	Actual
Output	5000 units	6000 units
Number of working days	25	27
Fixed overheads	Rs.40,500	Rs.42,000
Variable overheads	Rs.55,000	Rs.57,000

There was an increase of 6% in capacity.

OR

b) Modern Sewing Machines Co. manufactures hand operated sewing machines. Prepare a schedule showing the differential costs and incremental revenue at each stage from the following data. At what volume the company should set its level of production?

What should be the selling price to maximise profit?

Output (No. in lakhs) Units	Selling Price per machine Rs.	Total Semi-fixed Cost (Rs. in lakhs)	Total Variable Cost (Rs. in lakhs)	Total Fixed Cost (Rs. in lakhs)
0.30	120	15	41.8	14.2
0.60	110	15	81.8	14.2
0.90	100	17	127.8	14.2
1.20	90	17	157.8	14.2
1.50	80	20	177.8	14.2
1.80	70	20	190.3	14.2



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NAM COLLEGE KALLIKKANDY

II Semester B Com Degree Internal Examinations January 2020

Functional Applications of Management

Section A

Answer any six questions. Each carries 1 mark

1. Define HRM
2. What is job description?
3. What is placement
4. Define brand
5. Explain the term under capitalization
6. What do you mean by capital structure?
7. What is social marketing?
8. What is direct marketing?

Section B


Answer any six questions (not exceeding one page). Each carries 3 marks

9. What are the differences between personnel management and human resource management?
10. Explain job analysis process
11. Explain difference between recruitment and selection
12. What is digital marketing? What are the advantages and disadvantages of digital marketing?
13. What are the objectives of financial management?
14. What are the long-term sources of finance?
15. Differences between over capitalization and under capitalization
16. What is product positioning? What are the techniques of product positioning?

Section C

Answer any two questions (not exceeding three pages). Each question carries 8 marks

17. What are the factors influencing capital structure?
18. What are internal and external sources of recruitment?
19. Explain various methods of training. Discuss its merits and demerits


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NAM COLLEGE KALLIKKANDY
IV Semester B.Com Degree ^{Internal} Examination ^{Feb} Jan 2020

Marks Statement

SL No	Reg No	Name	Name of the Papers					
			EDP	Environmental Studies	Informatics Skills	Corporate Law & Business Regulations	Management of Cooperatives	Income Tax Law & Practice I
1	NM18BR0001	Fathima Mahamood	35	23	19	32	25	38
2	NM18BR0002	Rahfa V	34	26	17	35	33	26
3	NM18BR0003	Shabeera KP	31	31	16	31	31	24
4	NM18BR0004	Shabna N	33	29	15	28	38	29
5	NM18BR0005	Abdulla Ali KK	15	28	10	29	26	26
6	NM18BR0006	Mohammed Adhil Afreed AP	17	23	11	25	24	25
7	NM18BR0007	Mohammed Mithlaj	16	38	10	25	29	24
8	NM18BR0008	Mubashir P	18	26	12	24	26	30
9	NM18BR0009	Muhammed Fajmal P	30	24	18	33	25	32
10	NM18BR0010	Nihal Nazar	24	29	15	31	25	35
11	NM18BR0011	Aparna PV	30	26	16	38	25	31
12	NM18BR0012	Navya T	32	25	16	26	24	28
13	NM18BR0013	Radhifa MP	35	25	17	24	19	29
14	NM18BR0014	Sherin Shahana V	31	25	14	16	16	26
15	NM18BR0015	Thabshira T	28	19	16	13	23	26
16	NM18BR0016	Thaslin Fathima O	29	23	15	15	26	16
17	NM18BR0017	Yuktha	25	21	17	19	31	15
18	NM18BR0018	Akshith Mohan	25	30	16	16	29	19
19	NM18BR0019	Amal Raj PK	19	18	16	28	28	16
20	NM18BR0020	Prince MV	23	24	17	19	23	28
21	NM18BR0021	Aiswarya Mol A	21	30	14	16	18	19
22	NM18BR0022	Aleena Yohannanan	30	32	15	30	28	16
23	NM18BR0023	Anusree PP	18	35	16	38	29	18


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24	NM18BR0024	Arshina PK	32	31	16	26	26	27
25	NM18BR0025	Arthana SR	19	28	17	24	25	25
26	NM18BR0026	Ashala P	25	29	14	29	25	19
27	NM18BR0027	Fathimath Shaniba SM	26	26	15	26	25	16
28	NM18BR0028	Fidha Sahar V	26	26	10	25	19	13
29	NM18BR0029	Ishana Sherin CK	16	16	11	25	23	15
30	NM18BR0030	Ramsha ET	18	18	10	25	21	19
31	NM18BR0031	Shibina PC	27	25	17	19	30	30
32	NM18BR0032	Sisira TP	25	33	15	23	32	32
33	NM18BR0033	Sruthilakshmi	19	31	16	21	26	35
34	NM18BR0034	Varsha PTK	16	38	16	30	16	31
35	NM18BR0035	Vinayapriya MB	13	26	17	15	18	28
36	NM18BR0036	Abhinand KN	15	24	14	17	25	29
37	NM18BR0037	Abhishek VV	19	16	15	15	33	26
38	NM18BR0038	Muhammed PK	16	13	16	31	31	33
39	NM18BR0039	Muhammed Razal P	28	15	17	33	38	31
40	NM18BR0040	Nived R	19	19	12	15	26	38
41	NM18BR0041	Shefin	15	16	11	17	24	26
42	NM18BR0042	Fadiya	30	28	15	16	16	24
43	NM18BR0043	Fathima M	27	19	16	34	13	25
44	NM18BR0044	Fathimath Mirfath	25	25	15	24	28	19
45	NM18BR0045	Fathimath Nidha	33	26	16	16	29	23
46	NM18BR0046	Fathimathul Nidha	31	26	15	13	24	21
47	NM18BR0047	Irfana K	38	16	20	15	30	30
48	NM18BR0048	Marshana Mariyam TH	26	18	16	19	32	18
49	NM18BR0049	Misriya PP	24	15	16	16	35	21
50	NM18BR0050	Mufeeda Musthafa VP	29	30	19	28	31	30
51	NM18BR0051	Nafila CH	Absent	Absent	Absent	Absent	Absent	Absent
52	NM18BR0052	Rahla Sulthana BN	25	35	15	25	29	23
53	NM18BR0053	Rasna V	Absent	Absent	Absent	Absent	Absent	Absent
54	NM18BR0054	Riswana OK	23	31	15	26	25	31
55	NM18BR0055	Shamna Basheer	26	33	20	16	19	29
56	NM18BR0056	Mohammed Mizhab Saleem P	31	15	16	18	23	23

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57	NM18BR0057	Muhammed Zain Siddique	29	17	17	15	21	21
58	NM18BR0058	Muhammed Minhaj Assar TC	28	16	16	25	22	25
	NM18BR0059	Muhammed Sabeel	23	34	18	26	18	25


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NAM COLLEGE KALLIKKANDY
II Semester M.Com Degree Internal Examination Jan 2020
Marks Statement

REG. NO.	NAME OF STUDENTS	Name of the Papers				
		Strategic Management	Research Methodology & Computer Application	Costing for Management Decisions	Advanced Business Accounting	Financial Management
B9PCOM1501	AFSAL PK	23	19	22	24	23
B9PCOM1502	JABIR C T	24	18	18	26	24
B9PCOM1503	MUHAMMAD SHAMNAS M P	28	20	19	22	22
B9PCOM1504	RASHAD M	21	18	25	21	25
B9PCOM1505	RISHAD VR	20	19	23	22	25
B9PCOM1506	ANAGHA GIREESH	22	24	22	26	27
B9PCOM1507	ANUSREE P K	26	29	16	23	22
B9PCOM1508	ASHIMA V K	21	19	21	21	20
B9PCOM1509	DEEPNA C K	25	27	24	21	22
B9PCOM1510	FATHIMA FIDHA K	26	26	27	25	25
B9PCOM1511	FATHIMA T	21	23	21	23	24
B9PCOM1512	FATHIMATHU RISHANA P P	20	21	25	25	25
B9PCOM1513	FATHIMATHU SAHDIYA	23	22	23	19	25
B9PCOM1514	KAVIYA MOL K	20	25	22	19	24
B9PCOM1515	NADIYA HARAM K	20	23	27	20	18
B9PCOM1516	NAVYA.K	23	24	23	18	26
B9PCOM1517	REEHA HOWRIN RAFEEQUE V P	27	27	25	23	25
B9PCOM1518	RIZA PARVEEN	22	18	24	23	25
B9PCOM1519	RUBNA HUSSAIN	25	19	23	27	25
B9PCOM1520	SAFEEDHA A K	19	18	22	22	25
B9PCOM1521	SAFVANATH U	23	19	23	25	26
B9PCOM1522	SHADA FATHIMA	24	22	21	25	23
B9PCOM1523	SREESUDHA.N	18	25	24	24	22
B9PCOM1524	SWAPNA VR	25	28	24	20	24
B9PCOM1525	SYTHYA K	23	27	23	22	25
B9PCOM1526	ZARA NOUSHIN	24	26	27	24	27


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NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of *Commerce*

NAM College, Kallikkandy

Through *Khadeeja V* (Name of Concerned Teacher)

Dear Sir,

I, ... *Radhifa M.P* was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a ~~re-test~~ or, ~~submit assignment~~ or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Radhifa
Signature of the Student
Date: *29-01-2020*

Name of Student *Radhifa MP*
Register No. *NM18BR0013*
Class *IV Sem BCom*

Approval of the HoD : *[Signature]*
Dr. RAJESH KUMAR E.R.
Associate Professor of Commerce
N.A.M. College Kallikkandy
Kannur - 670 693

Action Taken :

Conducted Seminar on 30-01-2020

[Signature]

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of Commerce

NAM College, Kallikkandy

Through Dr. Rajesh Kumar ER (Name of Concerned Teacher)

Dear Sir,

I, Arthana SR..... was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a re-test or, submit assignment or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Arthana
Signature of the Student
Date: 27/1/2020

Name of Student ARTHANA S.R
Register No. NM18BR0025
Class IV Sem Bcom

Approval of the HoD : [Signature]
Dr. RAJESH KUMAR, E.R.
Associate Professor of Commerce
N.A.M. College Kallikkandy
Kannur - 670 693

Action Taken : conducted viva on 6/2/2020

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of Commerce

NAM College, Kallikkandy

Through Musthafa KS (Name of Concerned Teacher)

Dear Sir,

I, Mohd Mithraj..... was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a re-test or, submit assignment or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Signature of the Student

Date: 29/1/2020

Name of Student Muhammed Mithraj

Register No. NM18BR0007

Class IV Sem B. Com

Approval of the HoD :

Rajesh
Dr. RAJESH KUMAR. E.R.
Associate Professor of Commerce
N.A.M. College Kallikkandy
Kannur - 670 693

Action Taken : Re-test conducted on 30/01/2020

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of Commerce

NAM College, Kallikkandy

Through Fayas (Name of Concerned Teacher)

Dear Sir,

I, Rahfe was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to ~~attend a re-test or~~, submit assignment or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Ran
Signature of the Student

Date: 3/01/2020

Name of Student Rahfe V.

Register No. NM18BR0002

Class IV B.Com

Approval of the HoD :

Action Taken : Submitted assignment on 10/01/2020

Dr. RAJESH KUSIAR E.R.
Associate Professor of Commerce
N.A.M. College Kallikkandy
Kannur - 670 693

Kallikkandy

05-01-2020

NOTICE

This is to inform you that, Second, Fourth and Sixth semester UG and Second and Fourth, I Internal Examination is scheduled to conduct during the last week of January and First week of February 2020 (25-01-2020 to 09-02-2020) . All HoDs are directed to make all arrangements beforehand in order to complete the examination on time and submit question papers and mark list to Academic Monitoring Committee as directed.



A handwritten signature in blue ink, appearing to be a cursive name.

PRINCIPAL

PRINCIPAL
N.A.M. COLLEGE, KALLIKANDY

NAM COLLEGE KALLIKKANDY

II Semester B Com Degree Model Examinations February 2020

Functional Applications of Management

Section A

Answer any six questions. Each carries 1 mark

1. What is job enlargement?
2. What is job specification?
3. What is recruitment?
4. Define marketing.
5. What is marketing mix?
6. What do you mean by finance?
7. What is over capitalization?
8. What is trading on equity?

Section B

Answer any six questions (not exceeding one page). Each carries 3 marks

9. What are the main objectives of man power planning?
10. What are the external sources of recruitment?
11. What are the qualities of a human resource manager?
12. What is online marketing? What are the methods of online marketing?
13. Define market segmentation. Discuss the various bases of market segmentation.
14. Briefly explain functions of marketing.
15. Briefly describe the factors determining capital structure.
16. What are the short-term sources of finance?

Section C

Answer any two questions (not exceeding three pages). Each question carries 8 marks

17. What is Product Life Cycle? Explain the various phases of Product Life Cycle. Discuss the importance of the concept.
18. What is financial management? Explain the scope of financial management.
19. Explain the methods of performance appraisal.


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NAM College Kallikkandy

VI Semester BCom Model Examination February 2020

Core course

International Business

Time 3 hours

Score 40

Part A

This part consists of four questions carrying $\frac{1}{2}$ marks each. Answer all questions in one word

1. The EU was formed in the year.....
2. the absence of Tariffs quotas or other governmental restrictions is known as.....
3. the physical limit on quantity of goods that can be imported or exported is called.....
4. invoice is an invoice provided by a supplier to the shipment of merchandise informing the buyer of the kinds and quantities of goods to be send their value and importation specifications $\frac{1}{2} \times 4 = 2$

Part B

Answer any four questions in one or two sentences each. Each question carries one mark each

5. define globalisation
6. define TRIPS
7. define tariff barriers
8. what is standby credit?
9. define international finance
10. what is speculation? $1 \times 4 = 4$

Part C

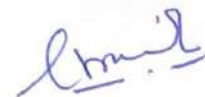
Answer any six questions. Answer should not exceed one page. Each question carries three marks each

11. what are the stages of globalisation?
12. what are the advantages and disadvantages of bilateral trade agreement?
13. why was GAAT established and what were its objectives?
14. Compare ADR with GDR
15. what are the important financial documents used in export trade?
16. what is certificate of origin?
17. define derivatives. what are the unique features of derivatives?
18. discuss briefly the various source of international Finance $3 \times 6 = 18$

Part D

Answer any two questions. Answer should not exceed four pages each. Each question carries 8 marks each

19. discuss the functions and role of WTO
20. explain briefly the various techniques of control of International Trade
21. compare and contract the PPP IRP IFE theories $8 \times 2 = 16$



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N A M COLLEGE KALLIKANDY

VI SEMESTER B. COM. MODEL EXAMINATIONS, FEBRUARY 2020

6B17 COM: CO-OPERATIVE ACCOUNTING AND LEGISLATION

Time: 3 hours

Maximum Marks: 40

PART A

Answer all questions. Each carries ½ marks

1. Indian Penal code is an Act of
A) 1680 B) 1068 C) 1680 D) 1860
2. The members list are
A) open to public B) open to any member C) open to employee D) none of these
3. The audit of co-operative society is the responsibility of Registrar
A) optional B) statutory C) avoidable D) None of these
4. Co-operative union is a----- arrangement under co-operative Act
A) People B) non official C) Subsidiary D) none of these

[4 x ½ = 2]

PART B

Answer any four questions. Each carries one mark.

5. What is circle Co-operative Union
6. What is the main purpose of Indian Evidence Act
7. What is award
8. What is audit memorandum
9. What is appeal
10. What is Day book

[4 x 1 = 4]

PART C

Answer any six questions. Each carries three marks.

11. Briefly Explain Injunction.
12. What are the provisions for alternative of Variola
13. What you mean by Co-operative Arbitration court?
14. What are deemed to be dispute?
15. What are the Functions of State co-operative Union?
16. Explain the concept of Decree


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17. State the need for co-operative audit
 18. Explain the constitution of the managing committee of the state Co-operative Union
 [6 x 3 = 18]

PART D


Answer any two questions. Each carries eight marks.

19. Describe institution of suits. What are the essentials of suit.
 20. 28. Co-operative audit is a more comprehensive enquiry than a more financial and discuss
 21. 29. Following is the details of co-operative society, prepare the P/L A/c and B/S. as on 31/03/2013. closing stock on that date is Rs. 88,000

Receipts and payment account for the year ended 31st march 2013

Receipts	Rs	Disbursement	Rs
Share contribution	2,40,000	Bank deposit	15,000
Entrance fee	2,750	Shaves in DCB	60,000
Borrowings	6,00,000	Loands to members	6,75,000
Loan to members	45,000	Furniture	4,000
Godown loan	3,00,000	Land	75,000
Godown subsidy	1,53,000	Godown	4,65,000
interest	22,250	Salaries	18,000
Sales	5,25,000	Carriage inwards	2,000
Commission	1,000	Rent	3,600
Managerial subsidy	15,000	Purchases	5,55,000
		Freight	4,500
		Interest	15,000
		Cash balance	11,900
	<hr/>		<hr/>
	19,04,000		19,04,000

[2 x 8 = 16]


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N A M COLLEGE KALLIKKANDY
Sixth Semester B Com Degree
MODEL EXAMINATION FEBRUARY 2020
6B18 COM (core –XVIII) Financial Markets and Services

Time 3 Hrs

Maximum Mark 40

Part A

Answer **all** questions. Each carries $\frac{1}{2}$ marks

1. NBFI stands for.....
2. A party owning an asset or equipment transfers the right to use to another Party is
3. IPO stands for
4. The Sensex consists of stocks.

(4 X $\frac{1}{2}$ = 2)

Part B

Answer any **FOUR** questions. Each question carries **1** mark

5. What do you mean by underwriting?
6. What do you mean by venture capital?
7. What is a derivative instrument?
8. What is financial system?
9. What is book building?
10. What is credit rating?

(4 X 1 = 4)

Part C

Answer any **SIX** questions. Each question carries **3** marks

11. What are the functions of new issue market ?
12. Explain CRISIL. State its workings.
13. State the functions of factoring.
14. Name the different kinds of speculators in a stock exchange, 11.
15. Explain the functions of financial system
16. What are the characteristics of money market?
17. What is commercial paper? What are its features?
18. Briefly explain the structure of Indian financial system.

(6 X 3 = 18)

Part D

Answer any **two** questions. Each question carries **8** marks

19. Describe the various functions of Merchants Banks.
20. Explain the defects of Indian money market
21. Define mutual fund. What are the different types of mutual funds?

(2 X 8 = 16)


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N AM COLLEGE KALLIKKANDY
PG DEPARTMENT OF COMMERCE
IV SEMESTER BCOM DEGREE
MODEL EXAMINATION FEBRUARY 2020
4A13 COM ENTREPRENEURSHIP

Time: 3 Hrs

Maximum Mark: 40

Part A

Answer **all** questions. Each carries $\frac{1}{2}$ marks

1. TCO stands for -----
2. Entrepreneurship refers to -----and -----
3. The investment limit for small enterprises in service activity is -----
4. When the area of operation is widespread, the suitable form of organization is -----
(4 X $\frac{1}{2}$ = 2)

Part B

Answer any **four** questions. Each question carries **1** mark

5. Define women entrepreneur.
6. Define small scale industries
7. What is project report?
8. What is soft skill?
9. Who is a cognitive entrepreneur?
10. What is micro enterprise?
(4 X 1 = 4)

Part C

Answer any **six** questions. Each question carries **3** marks

11. What are the phases of EDP ?
12. What is social marginality ?
13. Discuss the problems of small entrepreneurs.
14. Explain the functions of DIC.
15. What are the external factors that motivate entrepreneurs ?
16. What are the different types of entrepreneurs ?
17. Explain the functions of DIC.
18. What is Technical Consultancy Organization (TCO) ? State the services rendered by TCOs to new entrepreneur.
(6 X 3 = 18)

Part D

Answer any **one** question. Each question carries **8** marks

19. Explain briefly the functions of institutions at the national level for the development of small scale industries in India.
20. What are the problems of Women Entrepreneurs?
21. What is the importance of MSMEs in Indian Economy?
(2 X 8 = 16)


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N A M COLLEGE KALLIKKANDY

IV Semester B Com Degree Model Examination February 2020

4A14 COM : Environmental Studies

Time : 3 Hours

Total Marks : 40

SECTION-A

Answer **all** questions, each carries $\frac{1}{2}$ mark.

1. EIA stand for.....
2. The main sources of greenhouse gas is.....
3. Who are consumers?
4. What are water bone disease causing agent?
($4 \times \frac{1}{2} = 2$ marks)

SECTION-B

Answer any **4** questions, each carries **1** mark.

5. What is Environment?
6. What is Air Pollution?
7. What is lithosphere?
8. Define social erosion.
9. What is Acid rain?
10. What do you mean by decomposer?
($4 \times 1 = 4$ marks)

SECTION-C

Answer any **6** questions, each carries **3** marks

11. What are the components of environment?
12. What are the steps in EIA?
13. Explain the different sources of water pollution.
14. Explain the different methods of rain water harvesting.
15. Discuss the effects of global warming.
16. Briefly explain the Environmental Protection Act-1986.
17. Explain briefly the structure and functions of ecosystem.
18. What are the causes of air pollution?
($6 \times 3 = 18$ marks)

SECTION-D

Answer any **2** questions, each carries **8** marks

19. Explain the scope and importance of environmental studies.
20. Explain the effects of Ozone layer depletion and what are the remedial measures to control?
21. What is water pollution? What are the causes and effects of water pollution?

($2 \times 8 = 16$ marks)


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NAM COLLEGE KALLIKKANDY
IV Semester B Com Model Examination February 2020
4B09 COM (CORE IX Optional Cooperation II)
Management of Cooperatives

Part A

Answer all questions. Each carries ½ marks

1. What is APCOs?
2. What is NPA?
3. What is KRIBHKO?
4. What is meant by LAMPS?

Part B

Answer any four questions. Each carries one mark

5. What is MPCs?
6. What is Service Area Approach?
7. What is Crop Loan System?
8. What is FSS?
9. What is industrial cooperative?
10. What is CONSUMERFED?

Part C

Answer any six questions (not exceeding one page). Each carries three marks

11. What are the types of housing cooperative societies?
12. What are the functions of PACS?
13. Explain different types of industrial cooperatives
14. What are the objectives and functions of cooperative marketing
15. What are the objectives of NDDB
16. Explain the problems of Dairy Cooperatives
17. Briefly discuss three tier system of rural credit
18. Discuss linking credit with marketing

Part D

Answer any two questions (not exceeding four pages). Each carries eight marks

19. What is Central Cooperative Bank? Explain its functions, sources of finance, weaknesses and remedial measures
20. What is cooperative marketing? Examine its importance, objectives and the nature of business operations
21. Explain the constitution and objectives of Kerala State Cooperative Agricultural and Rural Development Bank. Also give problems faced by the bank and suggestions for improvement


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NAM COLLEGE, KALLIKKANDY

M.Com Second Semester Model Examination Feb 2020

Costing for Management Decision

Time: 3 Hours

Maximum Marks: 60

SECTION - A

Answer any **four** questions. Each question carries **1 mark** for (a), **3 marks** for (b) and **5 marks** for (c):

1. a) Define cost accounting.
b) What are the objectives of cost accounting?
c) Explain the scope of cost accounting.
2. a) Define marginal costing.
b) What is CVP analysis?
c) Distinguish between marginal costing and differential costing.
3. a) What is margin of safety?
b) Explain contribution margin with the help of an example.
c) From the following calculate:
 - i) P/V Ratio
 - ii) the amount of the fixed expenses
 - iii) the number of units to break even
 - iv) the number of units to earn a profit of Rs,40000

The selling price per unit can be assumed at Rs.100. The company sold in two successive periods 7,000 units and 9,000 units and has incurred a loss of Rs.10,000 and earned Rs.10,000 as profit respectively.

4. a) Define standard costing.
b) Explain variance analysis.
c) From the following information, calculate material mix and yield variances:

	Std Mix	Actual Mix
Material A	300 units @ Rs.24	240 units @ Rs.26
Material B	150 units @ Rs.20	210 units @ Rs.20

Standard loss allowed is 10% of input. Actual output is 400 units.

5. a) What is BEP?
b) Explain different types of break even charts.
c) From the following find out BEP:
Variable cost per unit Rs.45
Selling price per unit Rs.60
Fixed expenses Rs. 1,62,000.
What should be the selling price if the BEP should be brought down to 18000 units.
6. a) Define value analysis.
b) Explain value engineering.
c) What are the various techniques of value analysis?

SECTION -B

Answer any **two** questions. Each question carries **12 marks**.

7. a) What is cost reduction? How it differs from cost control? Explain the advantages and disadvantages of cost reduction.

OR

b) Define marginal costing. Explain the managerial applications of marginal costing.

8. a) From the following data, calculate labour variances.

Standard labour

100 skilled workers @ Rs.1000 per month

200 Unskilled workers @ Rs.500 per month

Actual Labour

110 Skilled workers @ Rs.1100 per month

340 Unskilled workers @ Rs.550 per month

Due to shortage of skilled workers, it was decided to reduce the number of skilled workers by 10% and increase that of unskilled workers @5%.

OR

b) A company is at present working @ 80% capacity and producing 8000 units per annum. It operates a flexible budgetary control system. The following figures are obtained from its budget:

	80%	100%
	Rs.	Rs.
Sales	7,50,000	8,00,000
Fixed Expenses	3,00,500	3,00,500
Semi-fixed expenses	97,500	1,00,500
Variable expenses	1,45,000	1,46,500
Units made	8000	10000

Labour and material cost per unit are constant under present conditions. Profit margin is 10%.

- You are required to determine the differential cost of producing 2000 units by increasing capacity to 100%.
- What would you recommend for an export price for these 2000 units taking into account that overseas prices are much lower than indigenous prices.



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N A M COLLEGE KALLIKKANDY

Second Semester M.Com. Degree

Model Examinations February 2020

COM2C07 : RESEARCH METHODOLOGY AND COMPUTER APPLICATION

Time: 3 Hours

Max. Marks: 60

Instructions: 1) In Section A : Answer any 4 questions.

2) In Section B : Answer any 2 questions.

SECTION – A

Each question carries 1 mark for Part (a) , 3 marks for Part (b) and 5 marks for Part (c).

1. a) Define Research.
b) What are the objectives and uses of social research?
c) Write a note on case study method. Bring out the role of case study method in a sociological research.
2. a) Define research problem.
b) Explain the steps followed for defining a research problem.
c) Discuss the different types of Research.
3. a) What is research design?
b) Explain the components of research design.
c) Briefly explain the tools used in data collection.
4. a) Define the terms parameters and statistics.
b) Explain various advantages and disadvantages of non- parametric test.
c) What is chi- square test? Mention its applications.
5. a) Difference between one way and two way classification of ANOVA
b) Explain essential qualities of a good sample.
c) Discuss the different types of sampling method.
6. a) What is research report?
b) Discuss the role of computer in research.
c) Explain various steps in research report writing.

SECTION – B

Each question carries 12 marks

7. a) Eight coins were tossed 256 times. The results obtained are given below.

0	1	2	3	4	5	6	7	8
2	10	25	50	75	58	21	9	6

Test whether coins are unbiased.

OR

b) The following data give the number of units' products per day by 4 workers A, B, C, D using four different types of machines M_1, M_2, M_3, M_4 .

	M_1	M_2	M_3	M_4
A	45	42	48	38
B	40	32	50	34
C	43	36	44	40
D	36	38	46	36

Test whether the mean productions of the four different types of machines are equal and test also whether the four workers differ with respect to mean productivity.

8. a) The following table given the number of units produced per day by two workers A and B for a number of days.

A:	40	30	38	41	38	35		
B:	39	38	41	33	32	39	40	34

Should these results be accepted as evidence that the two workers are equally stable.

OR

b) What is meant by research process? Explain the various steps involved in research process.


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NAM COLLEGE KALLIKKANDY

FORTH SEMESTER M.COM – MODEL EXAMINATION FEBRUARY 2020

SECURITY ANALYSIS & PORTFOLIO MANAGEMENT

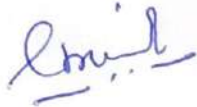
TIME: 3 Hours

MAX. MARKS: 60

SECTION _ A

**Answer all questions in this Section. Each question carries 1 mark for Part {a},
3 marks for Part (b) and 5 marks for Part (c)**

1. A) Describe the major constraints in portfolio revision.
B) What are the different perspectives that can be adopted for evaluation of performance of a portfolio ?
C) An investor owns a portfolio for the last five years and has produced 16.8 percent annual return and beta value of 1.10. If the risk free return and market return are 7.4 percent and 15.2 percent per year respectively. How would you evaluate the performance of this portfolio?
2. A) Define the term Bond.
B) Explain default risk and interest rate risk associated with bonds.
C) Mr. John owns a Rs. 1,000 face value bond with 5 years to maturity. The bond makes annual interest payment of Rs. 80. The bond is currently priced at Rs. 960. Given, the market interest rate is 1A o/o, calculate the intrinsic value of the bond. P.V. factor @ 10 % for 5 year = 0.629 and P.V. annuity for 10 % discount rate for 5 years = 3.7908.
3. A) What is margin trading ?
B) What are the methods of floating new issues ?
C) Describe the functions of Stock Exchanges.


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NAM COLLEGE KALLIKKANDY

Second Semester Bcom Degree Model Examination February 2020

Mark Statement

SL NO	ROLL NO	NAME	Functional Applications of Management	Quantitative Techniques
1	BU1901	ABSATH	31	30
5	BU1902	FATHIMATHUL FARSANA CP	35	27
3	BU1903	HAMDA SIDDIQUE	32	32
4	BU1904	MUSAINA PARVEEN T	21	21
5	BU1905	NAHA NOURIN K	25	24
6	BU1906	RISHANA C H	35	35
7	BU1907	SAFVANA	17	18
8	BU1908	SALIHA P	35	35
9	BU1909	SHARMINA	18	21
10	BU1910	ASHMIL K	4	7
11	BU1911	HAMRAZ MUHAMMED P K	8	14
12	BU1912	MUHAMMAD MUBASHIR BIN ALI	8	6
13	BU1913	MUHAMMED FADHIL PARWAIS	22	24
14	BU1914	MUHAMMED FARZEEN T	30	30
15	BU1915	MUHAMMED MINHAI M K	26	24
16	BU1916	ANEESHA ZIYA	27	27
17	BU1917	FATHIMA SHADHA M	30	30
18	BU1918	MAHABOOBA NARGEES N C	37	38
19	BU1919	SHAHALASIN V	25	21
20	BU1920	AYUSH S	28	25
21	BU1921	AKHILNA E T	30	31
22	BU1922	ANAGHA P R	20	22
23	BU1923	ASMINA P P	25	24
24	BU1924	ASWINI P N	25	22
25	BU1925	FADIYA BASHEER	19	16
26	BU1926	FATHIMA M K	35	35
27	BU1927	NEETHU C V	0	0
28	BU1928	SARANYA DEVI	25	25
29	BU1929	SHAHANA K	30	28
SL NO	ROLL NO	NAME		0
30	BU1930	SHAN NETHIYASYN C A	22	23
31	BU1931	SINU CHANDY	21	23
32	BU1932	SIYONA SUDHEESH	38	38
33	BU1933	SWAPNA T	9	9
34	BU1934	SWATHI C	38	39
35	BU1935	AMEGH M	17	18
36	BU1936	ANURAG V	3	2
37	BU1937	NANDAKISHOR E P	2	3
38	BU1938	NIBIN PRADEEP P K	0	0
39	BU1939	ROUNAK JAYANATH	15	12
40	BU1940	SACHIN CHAND	0	0

41	BU1941	SANGEETH K		32	32
42	BU1942	V.P ASHIQUE		8	8
43	BU1943	VAISHNAV K		20	20
44	BU1944	AYSHA CHATTENDAYIDA		24	24
45	BU1945	FATHIMA AFRAN N V		39	36
46	BU1946	FATHIMA RIZWANA		15	11
47	BU1947	FATHIMATH HIDHA C		16	15
48	BU1948	FATHIMATH SHINILA E		30	28
49	BU1949	MAAIDHA		34	32
50	BU1950	MEHANA K V		28	28
51	BU1951	MINHA RASHA KP		39	36
52	BU1952	MUFEEDA		20	21
53	BU1953	SALIA L M		38	38
54	BU1954	SHAHANA SHEREN		29	26
55	BU1955	SHANA SHERIN		29	28
56	BU1956	AFSAL ASHRAF		10	12
57	BU1957	MUHAMMED DIHOOSH KANZ C M		25	24
58	BU1958	MUHAMMED NIHAD T		38	33
59	BU1959	MUHAMMED RAMSHAD V K		5	4
60	BU1960	MUHAMMED RUFALD		36	33
61	BU1961	MUHAMMED SHAN		25	21

42	BU1942	V.P ASHIQUE		8	8
43	BU1943	VAISHNAV K		20	20
44	BU1944	AYSHA CHATTENDAYIDA		24	24
45	BU1945	FATHIMA AFRAN N V		39	36
46	BU1946	FATHIMA RIZWANA		15	11
47	BU1947	FATHIMATH HIDHA C		16	15
48	BU1948	FATHIMATH SHINILA E		30	28
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50	BU1950	MEHANA K V		28	28
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52	BU1952	MUFEEDA		20	21
53	BU1953	SALIA L M		38	38
54	BU1954	SHAHANA SHEREN		29	26
55	BU1955	SHANA SHERIN		29	28
56	BU1956	AFSAL ASHRAF		10	12
57	BU1957	MUHAMMED DIHOOSH KANZ C M		25	24
58	BU1958	MUHAMMED NIHAD T		38	33
59	BU1959	MUHAMMED RAMSHAD V K		5	4
60	BU1960	MUHAMMED RUFALD		36	33
61	BU1961	MUHAMMED SHAN		25	21

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[Handwritten Signature]

NAM COLLEGE KALLIKKANDY
IV Semester B.Com Degree Model Examination Feb 2020
Marks Statement

Reg No	Name of Student	Name of the Subjects					
		Disaster Management	Advanced Accounting	Business Regulatory Framework	Basics of Research Methodology	Coop Principles	Numerical Skills for Business
NM18BR0001	Fathima Mahamood	33	27	29	30	31	36
NM18BR0002	Rahfa V	30	30	26	16	38	27
NM18BR0003	Shabeera KP	29	33	25	13	26	23
NM18BR0004	Shabna N	30	31	25	15	24	31
NM18BR0005	Abdulla Ali KK	16	28	25	19	16	25
NM18BR0006	Mohammed Adhil Afreed AP	20	21	19	16	13	26
NM18BR0007	Mohammed Mithlaj	17	36	23	28	15	28
NM18BR0008	Mubashir P	17	27	21	19	19	33
NM18BR0009	Muhammed Fajmal P	32	23	30	15	16	31
NM18BR0010	Nihal Nazar	26	31	18	30	28	28
NM18BR0011	Aparna PV	29	25	24	27	19	21
NM18BR0012	Navya T	33	26	30	24	16	36
NM18BR0013	Radhifa MP	34	28	32	17	23	27
NM18BR0014	Sherin Shahana V	35	24	35	16	38	23
NM18BR0015	Thabshira T	25	25	31	18	26	31
NM18BR0016	Thaslin Fathima O	26	19	28	30	24	25
NM18BR0017	Yuktha	28	20	29	24	29	26
NM18BR0018	Akshith Mohan	24	33	35	25	23	28
NM18BR0019	Amal Raj PK	25	15	31	25	21	24
NM18BR0020	Prince MV	19	26	28	19	30	25
NM18BR0021	Aiswarya Mol A	20	29	29	23	32	30
NM18BR0022	Aleena Yohannan	33	33	25	21	26	18
NM18BR0023	Anusree PP	15	34	25	30	16	24
NM18BR0024	Arshina PK	31	35	24	15	18	30
NM18BR0025	Arthana SR	21	25	19	17	25	32
NM18BR0026	Ashala P	28	26	16	15	33	35

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NM18BR0027	Fathimath Shaniba SM	31	31	23	31	31	31
NM18BR0028	Fidha Sahar V	29	29	26	33	38	28
NM18BR0029	Ishana Sherin CK	13	13	31	15	26	29
NM18BR0030	Ramsha ET	15	15	29	17	24	35
NM18BR0031	Shibina PC	31	24	31	35	24	31
NM18BR0032	Sisira TP	23	31	21	25	19	31
NM18BR0033	Sruthilakshmi	17	30	28	15	26	21
NM18BR0034	Varsha PTK	15	36	19	19	31	28
NM18BR0035	Vinayapriya MB	13	27	15	16	29	31
NM18BR0036	Abhinand KN	16	23	30	28	28	29
NM18BR0037	Abhishek VV	21	15	27	19	23	13
NM18BR0038	Muhammed PK	15	13	25	25	15	15
NM18BR0039	Muhammed Razal P	31	16	33	26	19	31
NM18BR0040	Nived R	18	21	31	26	16	23
NM18BR0041	Shefin	16	15	38	16	28	17
NM18BR0042	Fadiya	29	31	26	18	19	27
NM18BR0043	Fathima M	28	21	24	15	15	30
NM18BR0044	Fathimath Mirfath	24	28	29	30	30	33
NM18BR0045	Fathimath Nidha	31	31	26	27	27	31
NM18BR0046	Fathimathul Nidha	30	29	25	35	25	28
NM18BR0047	Irfana K	36	13	16	15	38	21
NM18BR0048	Marshana Mariyam TH	27	15	29	31	26	31
NM18BR0049	Misriya PP	23	16	15	28	33	38
NM18BR0050	Mufeeda Musthafa VP	31	29	17	23	31	26
NM18BR0051	Nafila CH	25	28	16	38	38	24
NM18BR0052	Rahla Sulthana BN	26	33	18	26	26	29
NM18BR0053	Rasna V	Absent	Absent	Absent	Absent	Absent	26
NM18BR0054	Riswana OK	27	29	24	29	19	25
NM18BR0055	Shamna Basheer	30	30	30	26	16	16
NM18BR0056	Mohammed Mizhab Saleem P	33	16	32	25	13	29
NM18BR0057	Muhammed Zain Siddique	31	20	35	25	15	15
NM18BR0058	Muhammed Minhaj Assar TC	28	17	31	25	19	17
NM18BR0059	Muhammed Sabeel	21	30	23	16	15	19

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NAM COLLEGE KALLIKKANDY
II Semester M.Com Degree Model Examination Feb 2020
Marks Statement

REG. NO.	NAME OF STUDENTS	Name of the Papers				
		Strategic Management	Research Methodology & Computer Application	Costing for Management Decisions	Advanced Business Accounting	Financial Management
B9PCOM1501	AFSAL PK	21	19	22	21	24
B9PCOM1502	JABIR C T	19	18	18	20	27
B9PCOM1503	MUHAMMAD SHAMNANAS M P	20	20	19	23	21
B9PCOM1504	RASHAD M	18	18	25	20	25
B9PCOM1505	RISHAD VR	23	19	23	20	23
B9PCOM1506	ANAGHA GIREESH	23	24	22	23	22
B9PCOM1507	ANUSREE P K	27	29	16	27	27
B9PCOM1508	ASHIMA V K	22	19	21	22	25
B9PCOM1509	DEEPNA C K	25	27	26	25	23
B9PCOM1510	FATHIMA FIDHA K	25	26	24	25	24
B9PCOM1511	FATHIMA T	24	23	26	22	27
B9PCOM1512	FATHIMATHU RISHANA P P	20	21	22	23	18
B9PCOM1513	FATHIMATHU SAHDIYA	22	22	21	23	19
B9PCOM1514	KAVIYA MOL K	24	23	22	24	18
B9PCOM1515	NADIYA HARAM K	27	25	26	28	19
B9PCOM1516	NAVYA K	22	20	23	21	22
B9PCOM1517	REHA HOWRIN RAFFEOQUE V P	24	22	21	20	25
B9PCOM1518	RIZA PARVEEN	23	25	21	22	28
B9PCOM1519	RUBNA HUSSAIN	25	24	25	26	27
B9PCOM1520	SAFEEDHA A K	25	23	23	21	26
B9PCOM1521	SAFVANATH U	24	24	25	25	26
B9PCOM1522	SHADA FATHIMA	18	18	19	23	23
B9PCOM1523	SRESUDHA N	26	25	24	24	22
B9PCOM1524	SWAPNA VR	25	23	24	22	24
B9PCOM1525	SYTHYA K	25	24	23	25	25
B9PCOM1526	ZARA NOUSHIN	25	25	27	25	27


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NAM COLLEGE KALLIKKANDY

VI Semester Bcom Degree Model Examination February 2020

Mark Statement

Sl No	Reg No	Name	Management Accounting	International Business	Financial Markets & Service	Modern Banking	Cooperative Accounting & Legislation
1	NM17BR0001	AMINATH SHASIYA CH	36	28	33	36	37
2	NM17BR0002	FATHIMATHUL FIDHA MP	28	29	33	36	34
3	NM17BR0003	FATHIMATHUL RANIYA B	29	29	28	35	34
4	NM17BR0004	FIDA SHERIN UV	21	26	30	29	32
5	NM17BR0005	HANNA M.A	38	34	29	32	25
6	NM17BR0006	NAFIA P	27	25	31	16	23
7	NM17BR0007	NIDHA SHERIN	36	28	32	39	32
8	NM17BR0008	RISHANA AC	8	21	28	21	27
9	NM17BR0009	RUKSANA PP	17	21	30	18	22
10	NM17BR0010	RUMANA THASHEM T.P	37	32	36	29	20
11	NM17BR0011	SAFA ASHRAF PM	23	27	28	14	14
12	NM17BR0012	SHAHELA M	9	20	25	21	14
13	NM17BR0013	SUFAINA P	8	14	25	14	23
14	NM17BR0014	SUHALA	20	22	24	34	35
15	NM17BR0015	FAZIL KV	14	7	15	1	1
16	NM17BR0016	MOHAMMED AMAL	7	14	11	6	7
17	NM17BR0017	MOHAMMED SAHAL M P	4	11	5	8	6
18	NM17BR0018	MUBASHIR C	23	19	28	25	19
19	NM17BR0019	MUHAMMED ANAS PC	1	12	21	5	9
20	NM17BR0020	MUHAMMED E	6	18	19	4	5
21	NM17BR0021	MUHAMMED HAMEEF P	3	10	11	5	6
22	NM17BR0022	MUHAMMED RAZEEN. M.C	5	14	15	22	16
23	NM17BR0023	THAMEEM PALLIKKANDATH	5	8	19	3	2
24	NM17BR0024	ABIDHA ASHRAF	16	13	3	16	13
25	NM17BR0025	ANUSREE K K	37	24	27	39	35
26	NM17BR0026	ANUSREE TV	16	22	21	26	18
27	NM17BR0027	APNA FERBIN	34	27	21	31	31
28	NM17BR0028	FATHIMA FIDHA K	30	29	26	36	28
29	NM17BR0029	FATHIMA RASMIYA	30	23	28	31	22
30	NM17BR0030	FATHIMATHUL HANNATH A	23	23	17	20	17
31	NM17BR0031	HIBA NAWAS	3	22	25	14	16
32	NM17BR0032	LAILA AZRA T.K	31	28	27	33	25
33	NM17BR0033	NAJIHA PARVEEN P	24	22	28	30	28
34	NM17BR0034	NISA FARVINA P		34	20	30	16
35	NM17BR0035	VAISHNAVIGN	31	27	25	19	12
36	NM17BR0036	NADIR NAZAR	20	17	17	7	4
37	NM17BR0037	SENTHIL CP	16	14	10	9	6
38	NM17BR0038	ARSHINA V.K	4	20	22	15	3

39	NM17BR0039	FARSINA SHIRIN	13	25	23	18	10
40	NM17BR0040	FATHIMATH ZAHARA B	18	23	24	20	19
41	NM17BR0041	HANNATH VP	36	21	20	22	27
42	NM17BR0042	MEGHAYYA B	30	26	35	32	34
43	NM17BR0043	NEETHU MK	32	36	36	39	37
44	NM17BR0044	NIDHA SHARIN CV	26	34	32	35	35
45	NM17BR0045	NIMYA MK	17	21	22	22	15
46	NM17BR0046	RISANA AP	32	29	30	30	23
47	NM17BR0047	RISLA PARVEEN MR	30	30	35	30	34
48	NM17BR0048	HASEEB KANDOTH	5	10	18	6	4
49	NM17BR0049	JISHNU P	2	10	18	3	2
50	NM17BR0050	NAVANEEETH KUMAR NV	absent	absent	absent	absent	absent
51	NM17BR0051	RAGUL RAJ.C.K	7	15	18	25	15
52	NM17BR0052	SAMMAS MOTTAMMAL	6	6	8	2	8
53	NM17BR0053	SURYARAJ T	5	9	8	4	1
54	NM17BR0054	FAHMISA JASMIN CK	21	23	30	24	17
55	NM17BR0055	FASNA TK	36	33	36	36	37
56	NM17BR0056	LIVANA.K.K	3	15	32	13	14
57	NM17BR0057	SHAMSHREENA N	18	27	32	36	32
58	NM17BR0058	ABID K	6	14	23	13	4
59	NM17BR0059	MUHAMMED	1	18	20	3	2
60	NM17BR0060	ANUSREE C.S	11	13	14	12	5


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NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of Commerce

NAM College, Kallikkandy

Through Fr. A.S. (Name of Concerned Teacher)

Dear Sir,

I, Shahin V was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a re-test or, submit assignment or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Signature of the Student

Date: 4/3/2016

Name of Student Shahin V

Register No. 21/M18 BR.0004

Class IV B. Com

Approval of the HoD :

Action Taken : Request Granted on 20/03/2016

Dr. Prasanna R.
Associate Professor of Commerce
N.A.M. College Kallikkandy
Kannur - 670 893

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of *Commerce*

NAM College, Kallikkandy

Through *Sakthiyar K.K.* (Name of Concerned Teacher)

Dear Sir,

I, *Muhammed B.* was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a re-test or, submit assignment or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Signature of the Student

Date: *25/2/2020*

Name of Student *Muhammed B.*

Register No. *AM17BSE020*

Class *IV Semester B.com*

Approval of the HoD :

[Signature]
Dr. T. R. ...
Assoc. of ...
N.A.M. College Kallikkandy
Kallikur - 670 693

Action Taken : *Re-test conducted on 27/2/2020*

NAM COLLEGE, KALLIKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of Commerce

NAM College, Kallikkandy

Through Dr. Rajesh Kumar (Name of Concerned Teacher)

Dear Sir,

I, Shyma Shrinikant... was not able to attend internal/model examination or submit assignments on time or conduct seminar. Therefore, I request your permission to attend a re-test or, submit assignment or, conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Mark.

Name of Student : Shyma Shrinikant, Ck.

Register No. N.M.1813R.0029

Class : IV Sem. Bcom

Signature of the Student : [Signature]
Date: 26/2/2020

Approval of the HoD : [Signature]
Dr. RAJESH KUMAR, E.R.
Associate Professor of Commerce
NAM College, Kallikkandy
Kannur - 670 693

Action Taken : Low Quality Re test

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

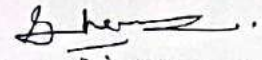
Department of ... ENGLISH ...

NAM College, Kallikkandy

Through ... PRIYA NAIR ... (Name of Concerned Teacher)

Dear Sir,

I, ... SHAMNA ... A.C. ... was not able to attend internal/model examination/submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.



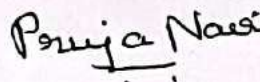
Signature of Student

Date: 20.9.20

Name of Student ... SHAMNA - A.C. ...

Register No. ... NM18.AEGR40

Class ... V SEMESTER B.A ENGLISH

Approval of the HoD: 

PRIYA NAIR
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ENGLISH
N. A. M COLLEGE, KALLIKKANDY

Action Taken: Re-test conducted on 24 September 2020

NAM COLLEGE, KALLIKKANDY


Internal Grievance Redressal Request Form

To
The Head of the Department
Department of ..ENGLISH.....
NAM College, Kallikkandy

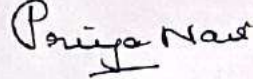
Through NASRULLAH MAMBROL (Name of Concerned Teacher)

Dear Sir,

I, MUKHTAR..... was not able to attend internal/model examination/
submit assignments on time / conduct seminar. Therefore, I request your
permission to attend a re-test /submit assignments /conduct seminar to enable
me to get due consideration for Continuous Evaluation and Internal Marks.


Signature of Student
Date: 2-2-21

Name of Student MUKHTAR.....
Register No. NM18.AEGR.020...
ClassSEMESTER...BA. ENGLISH

Approval of the HoD : 

PRIYA NAIR
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ENGLISH
N. A. M COLLEGE, KALLIKKANDY

Action Taken : RE-TEST CONDUCTED ON 5-2-21

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To
The Head of the Department
Department of ... ENGLISH
NAM College, Kallikkandy

Through ... SADIQU ALI K.P. ... (Name of Concerned Teacher)

Dear Sir,

I, ARAFA NOORUDHEEN was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.



Signature of Student

Date: 22-3-21

Name of Student ... ARAFA NOORUDHEEN

Register No. NM18FEGR026

Class ... VI SEM 2021

Approval of the HoD: Priya Nair

PRIYA NAIR
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ENGLISH
N. A. M COLLEGE, KALLIKKANDY

Action Taken: MODEL EXAM CONDUCTED ON 25-3

NAM COLLEGE, KALLIKKANDY


Internal Grievance Redressal Request Form

To
The Head of the Department
Department of ENGLISH
NAM College, Kallikkandy

Through NASRULLAH MAMBROL (Name of Concerned Teacher)

Dear Sir,

I, ASHWIN RAJ C. was not able to attend internal/model examination/
submit assignments on time / conduct seminar. Therefore, I request your
permission to attend a re-test /submit assignments /conduct seminar to enable
me to get due consideration for Continuous Evaluation and Internal Marks.


Signature of Student
Date:

Name of Student ASHWIN RAJ C.
Register No. NM18AEGR030
Class SEMESTER B.A. ENGLISH

Approval of the HoD: Priya Nair

PRIYA NAIR
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ENGLISH
NAM COLLEGE, KALLIKKANDY

Action Taken: Re-Test conducted on Feb 2021

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

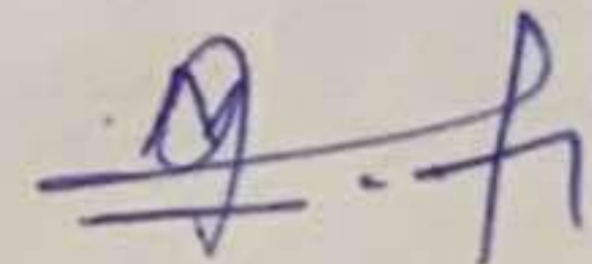
Department of History.....

NAM College, Kallikkandy

Through Dr. Joy Varkey..... (Name of Concerned Teacher)

Dear Sir,

I, Muhammed Kasim K.P. was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.



Signature of Student

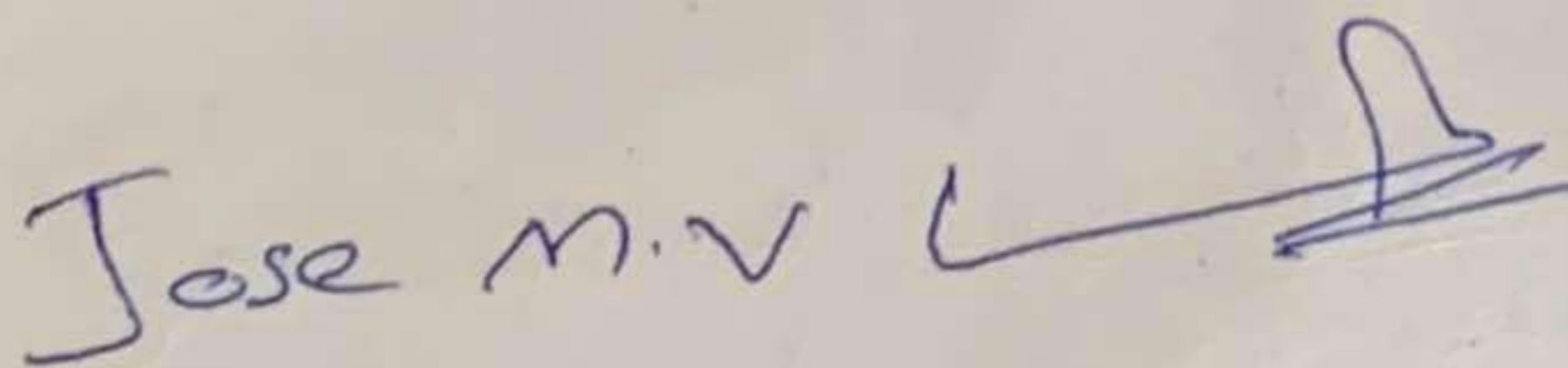
Date: 05/01/2021

Name of Student Muhammed Kasim K.P.

Register No. NM19AHIR025.....

Class Fourth Semester B.A History

Approval of the HoD :



Dr. JOSE. M.V.
Associate Professor & Head
Department of History
NAM College, Kallikkandy

Action Taken :

Re-test conducted on 12-01-2021

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

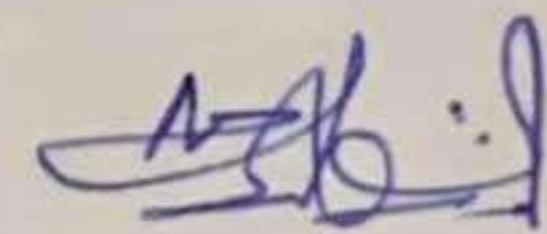
Department of History.....

NAM College, Kallikkandy

Through Dr. Jose M.V..... (Name of Concerned Teacher)

Dear Sir,

I, Nufla Faisal..... was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.



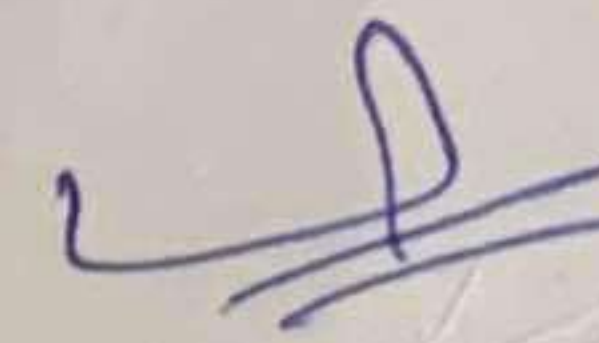
Signature of Student

Date: 31/08/2020

Name of Student Nufla Faisal.....

Register No. NM18AH1R028.....

Class Fifth Semester B.A History.....

Approval of the HoD: Jose M.V 

Dr. JOSE. M.V.
Associate Professor & Head
Department of History
NAM College, Kallikkandy

Action Taken: Re-test conducted on 09-09-2020

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

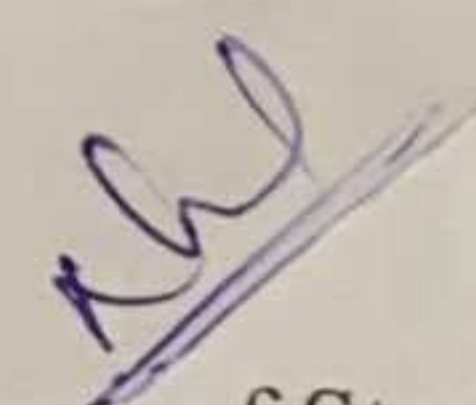
Department of ... History

NAM College, Kallikkandy

Through ... Dr. Anas. E (Name of Concerned Teacher)

Dear Sir,

I, Muhammed Nusaiif Ap was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.


Signature of Student

Date: 20/09/2020


Name of Student Muhammed Nusaiif Ap

Register No. NM19AH1R026

Class 3rd semester

Approval of the HoD :

Jose M.V
~~Dr. Jose M.V.~~
Associate Professor & Head


Dr. JOSE. M.V.
Associate Professor & Head
Department of History
NAM College, Kallikkandy

Action Taken :

Re-test conducted on 25/09/2020

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of History.....

NAM College, Kallikkandy

Through Dr. Amas-E..... (Name of Concerned Teacher)

Dear Sir,

I, Fathima Beevi..... was not able to attend internal/model examination/ submit assignments on-time / conduct seminar. Therefore, I request your permission to attend a re-test / submit assignments / conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.


Signature of Student

Date: 04-02-2021

Name of Student Fathima Beevi.....

Register No. NMIRAHIR002.....

Class 6th Sem.....

Approval of the HoD: Jose m.v 
 Dr. JOSE. M.V.
Associate Professor & Head
Department of History
NAM College, Kallikkandy

Action Taken: Re-test conducted on 9/2/2021

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of Management Studies

NAM College, Kallikkandy

Through Aswathi. K. (Name of Concerned Teacher)

Dear Sir,

I, Mohammed Jasim, was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.

Jasim
Signature of Student

Date: 09-01-2022

Name of Student Mohammed Jasim

Register No. NM19 BBA084

Class Fifth Sem BBA

Approval of the HoD :

Abdul Amal M. Asad

H.O.D & ASSISTANT PROFESSOR
DEPT. OF MANAGEMENT STUDIES
N.A.M COLLEGE, KALLIKANDY

Action Taken : Retest was conducted on 13-01-2022.

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of Management Studies

NAM College, Kallikkandy

Through Muhammad Anzees .k.k. (Name of Concerned Teacher)

Dear Sir,

I, Fathimathul Sheena..... was not able to attend internal/model examination/
submit assignments on time / conduct seminar. Therefore, I request your
permission to attend a re-test /submit assignments /conduct seminar to enable
me to get due consideration for Continuous Evaluation and Internal Marks.



Signature of Student

Date: 05-01-2022

Name of Student Fathimathul Sheena

Register No. NM19BBAR013

Class V to sem BBA

Approval of the HoD: Abdul Amal M


H.O.D & ASSISTANT PROFESSOR
DEPT. OF MANAGEMENT STUDIES
NAM COLLEGE, KALLIKANDY

Action Taken: Retest Conducted 11-01-2022

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department


Department of Management Studies

NAM College, Kallikkandy

Through Abdul Araaf M. (Name of Concerned Teacher)

Dear Sir,

I, JAFAR. P. K. was not able to attend internal/model examination/submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.


Signature of Student

Date: 3-01-2022

Name of Student JAFAR. P. K.

Register No. NM19BBAR031

Class Vth sem BBA

Approval of the HoD: Abdul Araaf M.


**HOD & ASSISTANT PROFESSOR
DEPT. OF MANAGEMENT STUDIES
NAM COLLEGE, KALLIKKANDY**

Action Taken: Retest Conducted on 6-01-2022.

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of Management Studies

NAM College, Kallikkandy

Through Shabana (Name of Concerned Teacher)

Dear Sir,

I, Mohammed Ziyad was not able to attend internal/model examination/submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.

Signature of Student

Date: 09-01-2022

Name of Student Mohammed Ziyad

Register No. NM19BBAR037

Class Vth sem BBA

Approval of the HoD: Abdul Amjad M.

H.O.D & ASSISTANT PROFESSOR
DEPT. OF MANAGEMENT STUDIES
N.A.M COLLEGE, KALLIKANDY

Action Taken: Re-test was conducted on 12-01-2022.

Internal Grievance Redressal Request Form

To
The Head of the Department
Department of ...MSc Computer Science.....
NAM College, Kallikkandy

ThroughSreeja K V..... (Name of Concerned Teacher)

Dear Sir,

I,.....Muhammed Favas U..... was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.


Signature of Student

Date: 10/10/2019

Name of StudentMuhammed Favas U.....

Register No. B8PSCS1202.....

ClassIII Sem MSc CS.....

Approval of the HoD :

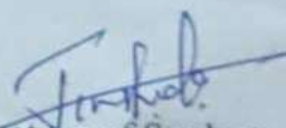


To
The Head of the Department
Department of ...MSc Computer Science.....
NAM College, Kallikkandy


ThroughThushara P..... (Name of Concerned Teacher)

Dear Sir,

I,.....Jinshida...K..... was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.


Signature of Student
Date: 4/02/2020

Name of StudentJinshida k.....
Register No.B8PSCS1205.....
ClassIV Sem MSc CS.....

Approval of the HoD : Approved  . k.v.

To

The Head of the Department

Department of ...MSc Computer Science.....

NAM College, Kallikkandy

ThroughRejil K P..... (Name of Concerned Teacher)

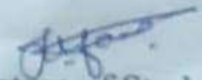
Dear Sir,

I,.....Irfana..... was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.

Name of StudentIrfana.....

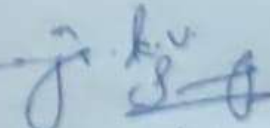
Register No. ...B9PSCS 1206.....

ClassII Sem MSc CS.....


Signature of Student

Date: 4/02/2020

Approval of the HoD :

Approved Re-test Irfana 

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of English (C.Pu)

NAM College, Kallikkandy

Through Aparna P. V (Name of Concerned Teacher)

Dear Sir,

I, Aashida P.P was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.

Signature of Student

Date: 7/2/2019

Name of Student Aashida P. V

Register No. BSPAEN2301

Class Second Semester MA English

Approval of the HoD: Approved Relect

Action Taken: Retest conducted on: 11/2/2019

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To
The Head of the Department
Department ofEnglish..... (P.G.)
NAM College, Kallikkandy

ThroughSheelhal N..... (Name of Concerned Teacher)

Dear Sir,

I,....Nooniya Ibrahim... was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.

Nooniya
Signature of Student
Date: 8/8/2018

Name of StudentNooniya Ibrahim
Register No.BTPEAN 2304
ClassIII, sem..... M.A. EngGth.

Approval of the HoD : Approved Retest *Sheelhal N*
Sheelhal N

Action Taken : Retest conducted on: 13/8/2018

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of *English (P.G.)*

NAM College, Kallikkandy

Through *Smriti Rajeevar* (Name of Concerned Teacher)

Dear Sir,

I,..... *Ashna V.P.* was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.

Ashna
Signature of Student
Date: *8/8/2018*

Name of Student *Ashna V.P.*

Register No. *B7PAGN 2301*

Class *(1) Sem M.A English*

Approval of the HoD : *Approved Retest.* *Shubhal N. Pruthi*

Action Taken : *Retest conducted on : 13/8/2022*

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of ..M..Sc..Mathematics.

NAM College, Kallikkandy

Through ..Megha Raj M..... (Name of Concerned Teacher)

Dear Sir,

I, ..Archanika..... was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.

Archant

Signature of Student

Date: 2/8/2019

Name of Student ..Archanika.....

Register No. ..B9PS9MM16.03.....

Class ..I..Sem...M..Sc..Maths....

Approval of the HoD : *Megha Raj M* ASSIST PROFESSOR OF MATHEMATICS
NAM COLLEGE, KALLIKKANDY
KANNUR - 670 693

Action Taken : Re-test conducted on 05/08/2019.

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of ... M.Sc. Mathematics

NAM College, Kallikkandy

Through ... Dipina Babu (Name of Concerned Teacher)

Dear Sir,

I, ... Safwana V.P. ... was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.

Safwana V.P.

Signature of Student

Date: 5/3/2020

Name of Student .. Safwana V.P.

Register No. .. 139.PSMM1614 ..

Class .. IInd sem. M.Sc. Maths.

Approval of the HoD : Megha R.J.M.

ASST PROFESSOR OF MATHEMATICS
NAM COLLEGE, KALLIKKANDY
KANNUR - 670 693

Action Taken : Seminar conducted on 6/3/2020

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department

Department of M.Sc. MATHEMATICS

NAM College, Kallikkandy

Through MUMTHAS P.V. (Name of Concerned Teacher)

Dear Sir,

I, SUDHISHA T. was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.

Sudhi
Signature of Student

Date: 27/8/2019

Name of Student SUDHISHA T.

Register No. B.B.P.S.M.M.1615.....

Class IIIrd SEM. M.Sc. MATHEMATICS

Approval of the HoD : Megha Raj M.

ASST PROFESSOR OF MATHS
NAM. COLLEGE, KALLIKKANDY
KANNUR - 670 993

Action Taken : MODEL EXAM CONDUCTED ON 6/9/2019

NAM COLLEGE, KALLIKKANDY

Internal Grievance Redressal Request Form

To

The Head of the Department


Department of ...M.Sc. MATHEMATICS.

NAM College, Kallikkandy

ThroughVARSHAD.K. (Name of Concerned Teacher)

Dear Sir,

I,.....ABITH.K. was not able to attend internal/model examination/ submit assignments on time / conduct seminar. Therefore, I request your permission to attend a re-test /submit assignments /conduct seminar to enable me to get due consideration for Continuous Evaluation and Internal Marks.


Signature of Student

Date: 25/02/2020

Name of Student ...ABITH.K.

Register No. B8PSMM1601

Class ...IX.-SEM.M.Sc.MATHS.


Approval of the HoD : MEGHA.RAJ.M. ASST PROFESSOR OF MATHEMATICS
NAM COLLEGE, KALLIKKANDY
KANNUR - 670 893

Action Taken : RE - TEST CONDUCTED ON 28/02/2020 .