(2025 Batch Onwards)

AH4CUDC154 Reg. No. : | | | | | | | | |

St Aloysius (Deemed To Be University)

Mangaluru

School of Arts and Humanities

(UG Programme)

B.Sc. - Semester II – Degree Examination

April/May - 2026

ECONOMICS – II(a)

MACRO ECONOMICS

Time: 2½ Hours. **Max. Marks: 60**

SECTION - A

Answer any FIVE of the following: (5×2=10)

1. Define macroeconomics.
2. Give the meaning of welfare economics.
3. What is inflationary gap?
4. Give the meaning of stagflation.
5. Give the meaning of Laffer's curve.
6. What are public goods?

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SECTION - B

Answer any SIX of the following: (6×5=30)

7. Explain the problems in measuring welfare.
8. Briefly explain classical theory of employment.
9. Show the working of Keynes multiplier.
10. Examine the types of business cycles.
11. Evaluate the causes of deflation.
12. Explain the life cycle hypothesis.
13. Distinguish between public and private goods.
14. Briefly explain the canons of taxation.

SECTION – C

Answer any TWO of the following: (2×10=20)

15. Examine the scope and uses of macroeconomics.
16. Analyze Keynes consumption function.
17. Distinguish between public and private finance.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Part	A						B								C		
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Blooms Level	1	1	1	1	1	1	2	2	3	5	5	2	4	2	4	4	4
Mapped CO(s)	1	1	2	4	5	5	1	2	3	3	4	4	5	5	2	4	5

(2024 batch onwards)

AH4DUVE132 Reg. No: | | | | | | | | |

St Aloysius (Deemed to be University)
Mangaluru
SCHOOL OF ARTS AND HUMANITIES
(UG Programme)
B.A / B.Sc./B.C.A. - Semester II – Degree Examination
April / May - 2026
FOUNDATION COURSE IN HUMAN RIGHTS AND VALUE EDUCATION

Time: 2 Hours **Max. Marks: 50**

PART – A
Human Rights

I. Answer the following in one sentence each. **(1x5=5)**

1. What do you mean by 'Human Rights'?
   'ಮಾನವ ಹಕ್ಕುಗಳು' ಎಂದರೇನು?
2. Expand ILO.
   ಐಎಲ್‌ಒವನ್ನು ವಿಸ್ತರಿಸಿ.
3. Mention any two religious minorities in India.
   ಭಾರತದಲ್ಲಿ ಯಾವುದೇ ಎರಡು ಧಾರ್ಮಿಕ ಅಲ್ಪಸಂಖ್ಯಾತರನ್ನು ಉಲ್ಲೇಖಿಸಿ.
4. Who founded PUCL?
   ಪಿಯುಸಿಎಲ್ ನ್ನು ಸ್ಥಾಪಿಸಿದವರು ಯಾರು?
5. What do you understand by the term 'Indigenous people'?
   'ಮೂಲನಿವಾಸಿಗಳು' ಎಂಬ ಪದದಿಂದ ನಿಮಗೆ ಏನು ಅರ್ಥವಾಗುತ್ತದೆ?

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II. Answer any <u>ONE</u> of the following in 8-10 sentences each. **(5x1=5)**

6. In January 2026, the Indian government took measures to protect gig workers from being pressured to risk their lives and make deliverles in 10 minutes—companies like Swiggy, Zepto, and Blinkit that promoted 10-minute delivery. Labor officials had voiced safety concerns, so the companies agreed to drop the "10-minute delivery" branding.
   a. Who are 'Gig Workers'? And how does the State ensure the protection of their second-generation rights, such as labour rights and social security? **(2 Marks)**
   b. Why Is it important for a company to value the safety and dignity of the workers more than fast delivery? **(3 Marks)**

   ಜನವರಿ 2026 ರಲ್ಲಿ, ಭಾರತ ಸರ್ಕಾರವು ಗಿಗ್ ಕಾರ್ಮಿಕರನ್ನು ತಮ್ಮ ಜೀವವನ್ನು ಪಣಕ್ಕಿಟ್ಟು 10 ನಿಮಿಷಗಳಲ್ಲಿ ವಿತರಣೆ ಮಾಡುವ ಒತ್ತಡದಿಂದ ರಕ್ಷಿಸಲು ಕ್ರಮಗಳನ್ನು ಕೈಗೊಂಡಿತು-ಸ್ವಿಗ್ಗಿ, ಜೆಪ್ಟೋ ಮತ್ತು ಬ್ಲಿಂಕಿಟ್‌ನಂತಹ ಕಂಪನಿಗಳು 10 ನಿಮಿಷಗಳ ವಿತರಣೆಯನ್ನು ಉತ್ತೇಜಿಸಿದವು. ಕಾರ್ಮಿಕ ಅಧಿಕಾರಿಗಳು ಸುರಕ್ಷತೆಯ ಬಗ್ಗೆ ಕಳವಳ ವ್ಯಕ್ತಪಡಿಸಿದ್ದರು, ಆದ್ದರಿಂದ ಕಂಪನಿಗಳು "10 ನಿಮಿಷಗಳ ವಿತರಣೆ" ಬ್ರ್ಯಾಂಡಿಂಗ್ ಅನ್ನು ಕೈಬಿಡಲು ಒಪ್ಪಿಕೊಂಡವು.

   ಎ. 'ಗಿಗ್ ವರ್ಕರ್ಸ್' ಎಂದರೆ ಯಾರು? ಮತ್ತು ಅವರ ಎರಡನೇ ತಲೆಮಾರಿನ ಹಕ್ಕುಗಳಾದ ಕಾರ್ಮಿಕ ಹಕ್ಕುಗಳು ಮತ್ತು ಸಾಮಾಜಿಕ ಭದ್ರತೆಯ ರಕ್ಷಣೆಯನ್ನು ರಾಜ್ಯವು ಹೇಗೆ ಖಚಿತಪಡಿಸುತ್ತದೆ? (2 ಅಂಕಗಳು)

   ಬಿ. ಒಂದು ಕಂಪನಿಯು ತ್ವರಿತ ವಿತರಣೆಗಿಂತ ಕಾರ್ಮಿಕರ ಸುರಕ್ಷತೆ ಮತ್ತು ಘನತೆಯನ್ನು ಹೆಚ್ಚು ಗೌರವಿಸುವುದು ಏಕೆ ಮುಖ್ಯ? (3 ಅಂಕಗಳು)

7. Examine the rights and challenges faced by refugees.
   ನಿರಾಶ್ರಿತರು ಎದುರಿಸುತ್ತಿರುವ ಹಕ್ಕುಗಳು ಮತ್ತು ಸವಾಲುಗಳನ್ನು ಪರಿಶೀಲಿಸಿ.

Contd...2

III. Answer any ONE of the following in 15-20 sentences each. (10x1=10)

8. Explain the Human Rights enumerated in the UDHR.

   ಯುಡಿಎಚ್ ಆರ್ ನಲ್ಲಿ ಪಟ್ಟಿ ಮಾಡಲಾದ ಮಾನವ ಹಕ್ಕುಗಳನ್ನು ವಿವರಿಸಿ.

9. Explain the Classification of Human Rights.

   ಮಾನವ ಹಕ್ಕುಗಳ ವರ್ಗೀಕರಣವನ್ನು ವಿವರಿಸಿ.

IV. Answer any ONE of the following in 30-35 sentences each. (15x1=15)

10. Explain the History, Structure and Activities of Amnesty International.

    ಅಮ್ನೆಸ್ಟಿ ಇಂಟರ್‌ನ್ಯಾಷನಲ್‌ನ ಇತಿಹಾಸ, ರಚನೆ ಮತ್ತು ಚಟುವಟಿಕೆಗಳನ್ನು ವಿವರಿಸಿ

11. Explain the composition Powers and functions of NHRC.

    ಎನ್ ಎಚ್ ಆರ್ ಸಿ ಯ ರಚನೆ, ಅಧಿಕಾರಗಳು ಮತ್ತು ಕಾರ್ಯಗಳನ್ನು ವಿವರಿಸಿ.

PART – B
VALUE EDUCATION (II Semester)

V. Answer any ONE of the following in not less than a page. (5x1=5)

12. Write down the factors influencing the identity of adolescents.

    ಹದಿಹರೆಯದವರ ಗುರುತಿಸುವಿಕೆಯ ಮೇಲೆ ಪ್ರಭಾವ ಬೀರುವ ಅಂಶಗಳನ್ನು ಬರೆಯಿರಿ.

13. Write down the benefits of counselling.

    ಸಮಾಲೋಚನೆಯ ಪ್ರಯೋಜನಗಳನ್ನು ಬರೆಯಿರಿ.

VI. Answer any ONE of the following in not less than two pages. (10x1=10)

14. What do you mean by stress? Explain practical ways to manage stress.

    ಒತ್ತಡ ಎಂದರೇನು? ಒತ್ತಡವನ್ನು ನಿರ್ವಹಿಸುವ ಪ್ರಾಯೋಗಿಕ ಮಾರ್ಗಗಳನ್ನು ವಿವರಿಸಿ.

15. Explain the major sexually transmitted infections.

    ಲೈಂಗಿಕವಾಗಿ ಹರಡುವ ಪ್ರಮುಖ ಸೋಂಕುಗಳನ್ನು ವಿವರಿಸಿ

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

	A											B			
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Blooms Level	1	1	1	2	2	3	4	4	5	4	4	5	3	2	3
Mapped CO(s)	1	1	1	1	1	3	2	2	3	4	3	4	2	3	5

(2024 batch onwards)

AH4GUDC160/AH4HUDC161 Reg. No: | | | | | | | | |

St Aloysius (Deemed to be University)

Mangaluru

School of Arts and Humanities

(UG Programme)

B.A./B.Sc. - Semester II – Degree Examination

April/May - 2026

PSYCHOLOGY

FOUNDATIONS OF BEHAVIOUR - II

Time: 2½ Hours **Max. Marks: 60**

PART - A

I. Answer any FIVE questions in 2-3 sentences each. **(5x2=10)**

1. Which altered state of consciousness can be considered as natural & why?
2. Differentiate between latent and insight learning
3. What is Galvanic skin Response?
4. How do you explain the concept of inter stimulus Interval?
5. Differentiate between TOT and flash bulb memory
6. How can the concept of Motivation be defined and applied in real life situations

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PART - B

Answer any SIX of the following: **(6x5=30)**

7. Explain how information is processed according to Atkinson and Shiffrin model?
8. Analyze the Internal and external changes that occur during emotions.
9. Write a note on the Big five Factor
10. Examine sleep as a natural altered of consciousness
11. Dreams are seen as a distinct change in consciousness that occurs during sleep. Evaluate with reference to the theories of Dreams
12. The goal of Punishment is to weaken the response. Analyze the factors that make punishment effective.
13. What happens before the response is important in classical conditioning. Elucidate
14. Explain the need for affiliation and power as social Motives with examples.

PART - C

Answer any TWO of the following: **(2x10=20)**

15. Differentiate between biological and social components of Hunger and thirst drives with examples
16. Critically evaluate the theories of Intelligence.
17. Differentiate between projective and objective tests of personality.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

PART	A						B								C		
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Blooms Level	5	4	1	2	6	3	2	4	2	4	5	4	4	3	4	5	4
Mapped CO(s)	1	2	3	2	5	3	5	3	4	1	1	2	2	3	3	4	4

(2024 Batch onwards)

IT3AUVE133 Reg. No.: | | | | | | | | |

St Aloysius (Deemed to be University)

Mangaluru

School of Information Science and Technology

(UG Programme)

B.A./B.Sc./B.C.A. - Semester II – Degree Examination

April/May - 2026

DIGITAL FLUENCY

Time: 1 ½ Hours **Max Marks: 30**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. Mention two disadvantages of AI.
2. Differentiate between regression and classification.
3. Write a note DBMS.
4. What are the two main advantages of Cloud Computing?
5. Mention different cloud service models.
6. Give two tips to prevent cyber attacks.
7. Mention two signs of bad communication.

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SECTION - B

Answer any TWO of the following. **(2x5=10)**

8. Explain the advantages of DBMS.
9. Illustrate any 5 applications of IOT.
10. Mention the types Cyber Security. Describe any two types.
11. Explain the steps of creative problem solving.

SECTION – C

Answer any ONE of the following. **(1x10=10)**

12. Define machine learning. Compare different types of machine learning.
13. Differentiate between any five types of Cyber attack.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A							B				C	
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
Blooms Level	L1	L4	L2	L1	L2	L3	L1	L2	L3	L2	L2	L4	L4
Mapped CO(s)	CO1	CO1	CO1	CO2	CO2	CO2	CO3	CO1	CO1	CO2	CO3	CO1	CO2

(2024 Batch Onwards)

IT3CUDC150 Reg. No.: | | | | | | | | |

St Aloysius (Deemed to be University)

Mangaluru

School of Information Science and Technology

(UG Programme)

B.Sc. (Computer Science) - Semester II – Degree Examination

April/May - 2026

DATA STRUCTURES USING C

Time: 2 ½ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. How do you declare a two-dimensional array? Give an example.
2. Define searching. Name any two searching techniques.
3. List the different types of linked lists.
4. Write the difference between singly linked list and circular singly linked list.
5. What is double ended queue?
6. Name the two methods used to implement a stack.
7. Define recursion.
8. Define a graph.

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SECTION – B

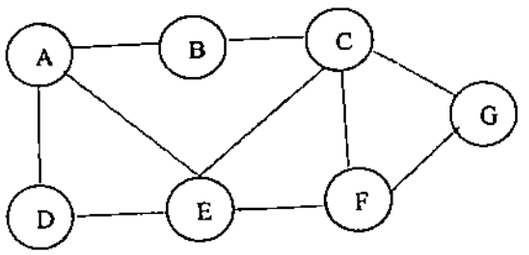
Answer any TEN of the following. **(10x5=50)**

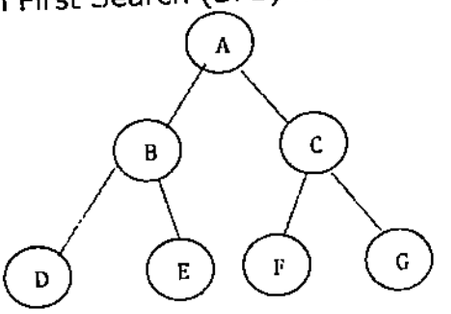
9. Explain Linear Search algorithm with an example.
10. Explain bubble Sort algorithm with an example.
11. Differentiate between linear and non-linear data structures.
12. Evaluate the resulting postfix Expression
    i) 5 1 2 + 4 * + 6 2 / - ii) 4 6 + 2 3 * - 9 +
13. Write the algorithms for inserting a node at the beginning and end of a singly linked list.
14. Write the algorithm for push and pop operations in a stack using array representation.
15. Explain the different types of recursion with suitable examples.
16. Discuss any four applications of stack.
17. Define a Circular Queue. Write the algorithm to insert (ENQUEUE) an element into a Circular Queue.
18. What is Binary tree? Write algorithm for traversal of Binary tree.
19. Construct tree from the following data.
    Inorder: 20,30,35,40,45,50,55,60,70
    Preorder: 50,40,30,20,35,45,60,55,70

Contd...2

IT3CUDC150

20. Traverse the following graph using Breadth First Search (BFS) method.





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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A								B												
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Blooms Level	1	1	1	2	1	2	2	2	3	2	2	2	3	3	3	3	2	3	3	2
Mapped CO(s)	1	4	3	1	3	4	4	2	2	2	1	3	3	3	5	3	3	4	4	4

(2024 Batch Onwards)

IT3DUDC151 Reg. No.: | | | | | | | | |

St Aloysius (Deemed to be University)

Mangaluru

School of Information Science and Technology

(UG Programme)

B.Sc. (Data Science) – Semester II – Degree Examination

April/May - 2026

RELATIONAL DATABASE MANAGEMENT SYSTEMS USING MYSQL

Time: 2 ½ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. What is the ENUM data type in MySQL?
2. What is a key constraint? Name any two types of keys.
3. List the responsibilities of a Database Administrator (DBA).
4. Define 3NF.
5. Define cursor. Why is it used?
6. Define Cartesian Product in relational algebra.
7. Mention the problems caused by redundancy.
8. Mention the conditional statements used in stored procedures.

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SECTION - B

Answer any TEN of the following. **(10x5=50)**

9. Write a note on (i) Data Manipulation Language (ii) Data Definition Language with examples.
10. Explain the three-schema architecture with a neat diagram.
11. Compare between Database Systems and File Systems.
12. Explain select, project and rename operations of relational algebra with syntax and example for each.
13. Explain Join operations in relational algebra. Describe different types of joins.
14. Explain any five aggregate functions in MySQL. Give examples for each.
15. Write a note on
    (i) COMMIT (ii) ROLLBACK (iii) SAVEPOINT with examples.
16. Consider the following tables.
    EMPLOYEE (EMPNO (PK), ENAME, DEPTNO (FK), SALARY) DEPARTMENT (DEPTNO (PK), DNAME, DEPTMGR).
    Write the syntax to create the above two tables with relations.
    a) Find EMPNO, ENAME and SALARY for "John".
    b) Find NAME & SALARY of all employees of "Computer Science" dept.
    c) Find Total and Average salaries of all employees
17. Explain how to create a new user in MySQL and manage privileges using GRANT, REVOKE and privilege viewing commands.

Contd...2

18. Discuss the advantages and disadvantages of using Views in MySQL.
19. Discuss the drawbacks of using stored procedures.
20. Create a table CUSTOMER (Cust_no, Cust_Name, Address, City, CreditLimit). Write a procedure to update and display the customer level using else if condition.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A								B											
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Blooms Level	1	1	2	1	2	1	2	2	2	2	4	3	3	3	3	3	3	4	4	6
Mapped CO(s)	3	2	1	2	4	2	2	4	3	1	1	2	2	3	3	3	3	4	4	4

(2024 Batch Onwards)

IT3DUDC152 Reg. No.: | | | | | | | | |

St Aloysius (Deemed to be University)

Mangaluru

School of Information Science and Technology

(UG Programme)

B.Sc. (Data Science) – Semester II – Degree Examination

April/May - 2026

DISCRETE MATHEMATICAL STRUCTURES

Time: 2 ½ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. What is meant by coloring of graphs? Write the chromatic number for a planar graph.
2. Define Universal set & Null set with examples for each.
3. How many ways are there to select 5 players from a 10-member Tennis team to make a trip to a match at another school?
4. Given A = {2, 3, 4}, B = {1, 2} and C = {4, 5, 6}. Find A+B & C-B.
5. Write any two properties of trees.
6. Find the 5th term in $\left(\frac{4x}{5}-\frac{5}{2x}\right)^6$

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7. Define onto function & one-to-one function. Give one example for each.
8. Define Permutation and Combination. Why are they used?

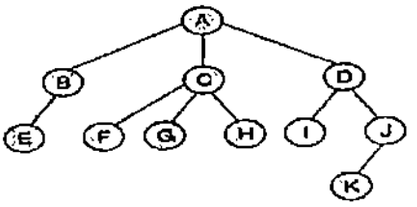
SECTION - B

Answer any TEN of the following. **(10x5=50)**

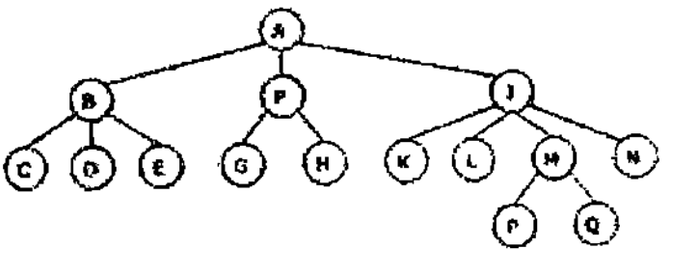
9. Write the Venn diagrams for the following.
   (i) $A - B$ (ii) $A \subseteq B$ (iii) ~A
   (iv) $A \cap B = \emptyset$ (v) $(A \cap B) \cup (A \cap C)$ (vi) $(A \cup B) \cap (A \cup C)$
10. Let A={a, b, c} and B={0, 1}. Find the Cartesian product AXB, and hence write all the possible functions from A to B.
11. Show that for any two sets X and Y, X – (X ∩ Y) = X – Y using set builder notation as well as roster notation.
12. What is an ordered pair, ordered triple and ordered n-tuple? Give example to each and hence define the Cartesian product for any two sets.
13. Write the partially ordered set corresponding to the relations.
    i) less than or equal to
    ii) divides and
    iii) greater than or equal to
    on a set X = {2, 3, 6, 8}.
14. Write all the properties of Binary Relations in a set. Give an example to each.

Contd...2

15. Decrypt the message "HDW GLP VXP" by translating the letters into numbers, applying the Caesar's Cipher, and then translating the numbers back into the letters. Write the Caesar's cipher function for encryption.
16. A computer firm receives 350 applications for Computer graduates for a job in Web Servers. Suppose that 220 of these people majored in Computer Science, 147 majored in MBA and 51 majored in both Computer Science & MBA. How many of these applicants majored neither in Computer Science nor in MBA?
17. Using binomial theorem for a positive integer, expand $(x+2)^6$.
18. Explain the procedure to convert a directed tree to binary tree. Convert the following tree to binary tree.



19. Explain how to find shortest paths from source to all vertices using Dijkstra's algorithm.
20. Explain the procedure to convert a directed tree to binary tree. Convert the following tree to binary tree.



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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A								B											
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Blooms Level	1	1	3	3	2	3	2	2	3	3	4	2	4	2	3	3	3	4	4	4
Mapped CO(s)	4	1	2	1	4	2	3	2	1	3	1	3	3	3	5	1	2	4	4	4

(2024 Batch Onwards)

IT3KUDC150 Reg. No.: | | | | | | | | |

St Aloysius (Deemed to be University)

Mangaluru

School of Information Science and Technology

(UG Programme)

B.Sc. (Animation and Visual Communication)

Semester II - Degree Examination

April/May - 2026

PRE-PRODUCTION AND 2D ANIMATION

Time: $2^1/_2$ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. State the difference between a frame and a keyframe.
2. Define 2D animation.
3. What is the significance of the Properties Panel in animation?
4. Mention two tools used in Adobe Animate.
5. Define character rigging in 2D animation.
6. Define Rotoscoping.
7. What does the 'timing' principle in animation refer to?

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SECTION - B

Answer any FOUR of the following. **(4x5=20)**

8. Explain Visual Storytelling and its Fundamentals.
9. Discuss the process of scriptwriting and storyboarding.
10. Describe the process of creating Ball Bounce Animation.
11. State the use of symbols in Animate.
12. Describe the process of creating a car animation in Adobe Animate
13. How is a traffic signal animation created in Adobe Animate?

SECTION – C

Answer any TWO of the following. **(2x15=30)**

14. Evaluate the entire pre-production process in 2D animation and its significance.
15. What is Rotoscoping? Explain its applications, advantages and disadvantages.
16. What is Adobe Animate? Explain its importance and advantages with a diagram of its workspace.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

PART	A							B						C		
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Blooms Level	L1	L1	2	3	1	2	3	2	3	2	3	4	3	4	2	3
Mapped CO(s)	1	2	1	3	4	1	2	3	4	2	4	2	4	3	4	4

(2025 Batch Onwards)

IT3KUDC151 Reg. No.: | | | | | | | | |

St Aloysius (Deemed to be University)

Mangaluru

School of Information Science and Technology

(UG Programme)

B.Sc (Animation and Visual Communication)

Semester II– Degree Examination

April/May-2026

FUNDAMENTALS OF PHOTOGRAPHY

Time: $2^1/_2$ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. What is a prime lens?
2. What is meant by the term "camera obscura"?
3. Depth-of-field
4. Manual mode
5. High-key lighting
6. Hard light and Soft light
7. What is candid photography?

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SECTION - B

Answer any FOUR of the following. **(4x5=20)**

8. Explain challenges in wildlife photography.
9. What are the common lighting patterns used in portrait photography?
10. What are specialty lenses? Give two examples.
11. Describe exposure triangle in photography
12. Explain visual balance in composition and how it influences viewer perception.
13. Explain the importance of studio equipment in professional photography.

SECTION – C

Answer any THREE of the following. **(3x10=30)**

14. Define lighting in photography and explain its role in shaping mood and atmosphere.
15. Explain the complete workflow of planning and executing a professional photo shoot.

Contd....2

16. Discuss how leading lines guide the viewer's eye and enhance storytelling in photographs.

17. What are the different types of angles used in photography?

****

Mapping of Questions with Bloom's Level and Course Outcomes (COs)

PART	A							B						C			
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Blooms Level	L1	L1	L1	L2	L2	L2	L2	L3	L3	L2	L2	L4	L4	L4	L6	L4	L4
Mapped CO(s)	1	1	1	1	2	3	3	3	2	2	2	3	5	4	4	4	2

(2024 Batch onwards)

LC7AUAE173 Reg. No. | | | | | | | | |

St Aloysius (Deemed to be University), Mangaluru

SCHOOL OF LANGUAGES AND CULTURAL STUDIES

(UG Programme)

B.A./ B.Com./B.B.A./B.Sc./B.C.A. - Semester II – Degree Examination

April/May - 2026

ENGLISH

Time: 2½ hrs. Max. Marks: 60

UNIT - I (PROSE)

I. A Answer the following in a word/phrase/sentence each: (5x1=5)

1. Internationally the 'Black Economy' is referred to as the _____ economy. (underground, shadow, illegal, all of these)
2. Organised games are more likely to flourish in _____ communities where the average human being lives a sedentary or at least a confined life.
3. In the opinion of Aruna Roy, _____ theoretically offers every individual an equal voice in deciding the collective future.
4. Who lost his life trusting the wisdom of the crows as mentioned in the essay 'On Superstitions'?
5. In which country is the famous football team (club) Arsenal based?

B. Answer any THREE of the following in about 150-180 words each: (3x5=15)

6. Justify the author's preference to walk around the ladder than under it, with reference to the essay 'On Superstitions?'
7. What does Aruna Roy say about the importance of collective action? Explain with reference to the essay, 'Tune into the Voice of the Deprived.'
8. Discuss George Orwell's assertion in the 'Sporting Spirit' that "serious sport has nothing to do with fair play," focussing on the factors that transform athletic competition into "mimic warfare."
9. Define and distinguish between "Black Money" and the "Black Economy" as discussed by Rammanohar Reddy.

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UNIT - II (POETRY)

II. Answer any TWO of the following in about 150-180 words each: (2x5=10)

10. Analyse the tone used by Lawrence in 'Don'ts.' How does his use of language convey his frustration with the "middle-class" or "civilized" way of living?
11. The poem examines the contrast between youth and old age. Describe the contrast, quoting lines from text to support your answer.
12. What is the central theme of the poem "Afterwards"? How does the poet explore the concept of time in the poem?
13. Describe the "profound dull tunnel" in 'Strange Meeting'. How does Owen use this supernatural setting to convey his message about the reality of war?

UNIT - III (SHORT STORY)

III. Answer any TWO of the following in about 150-180 words each. (2x5=10)

14. Skvortsov gave Lushkov work, but Olga gave him a soul. Contrast the approaches of the lawyer and the cook toward the beggar.
15. What information did captain Gerlilieu gather about the ants during the course of his journey?
16. What made the Holroyd think that something was not quite right with the Santa Rosa when they came across the canoe?
17. Write a note on Lushkov's journey from being in the Russian choir to working at the notary office?

Contd...2

UNIT – IV (GRAMMAR AND WRITING SKILLS)

IV A. Fill in the blanks with appropriate articles. Wherever articles are not necessary fill in with an 'X' mark. (5x1=5)

18. She is _____ university student studying ancient history.
19. I usually have _____ breakfast at 8:00 AM before leaving for work.
20. Look at _____ moon; it looks beautiful tonight!
21. It took us _____ hour to reach the stadium for the match.
22. _____ tigers are becoming an endangered species in many countries.

B. Fill in the blanks with suitable prepositions from the list given below. (5x1=5)
(along, among, during, since, throughout, within, for, between)

23. Our university team has been practicing hard _____last Monday.
24. The coach had told us to maintain a healthy diet _____ at least three weeks before the match.
25. In the spirit of the game, the prize money was divided equally _____ the two finalists.
26. There is a great sense of brotherhood _____ all the members of the Arsenal squad.
27. The spectators remained silent _____ the entire national anthem.

C. Add appropriate question tags for the following sentences. (5x1=5)

28. Let's calculate the impact of the black economy.
29. They scarcely understood the difference between stock and flow.
30. The politician offered a very vague explanation for the missing funds
31. This boy is an artist.
32. The authorities haven't recovered the unaccounted wealth yet

D. Give one-word substitutes for the following from the list given below. (5x1=5)
(nostalgia, enigma, inexplicable, inflammable idealist, inexhaustible, pacifist, cacophony)

33. Longing for the past.
34. One who pursues noble principles and goals.
35. That which cannot be finished.
36. One who believes in peace and refuses to fight in a war.
37. Person or thing difficult to understand.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12
Blooms Level	L1	L1	L1	L1	L1	L2	L2	L4	L2	L4	L4	L2
Mapped CO(s)	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO2	CO2	CO2

Q. No.	13	14	15	16	17	18	19	20	21	22	23	24
Blooms Level	L4	L4	L2	L2	L1	L3	L3	L3	L3	L3	L3	L3
Mapped CO(s)	CO2	CO2	CO2	CO2	CO2	CO3	CO3	CO3	CO3	CO3	CO3	03

Q. No.	25	26	27	28	29	30	31	32	33	34	35	36	37
Blooms Level	L3	L3	L3	L3	L3	L3	L3	L3	L1	L1	L1	L1	L1
Mapped CO(s)	CO3	CO3	CO3	CO3	CO3	CO3	CO3	CO3	CO4	CO4	CO4	CO4	CO4

(2024 - Batch onwards)

LC7CUAE174/VS8AUAE174c Reg. No. | | | | | | | | |

St Aloysius (Deemed to be University), Mangaluru

SCHOOL OF LANGUAGES AND CULTURAL STUDIES

(UG Programme)

B.A./ B.Com./B.B.A./B.Sc./B.C.A./B.Voc. - Semester II – Degree Examination

April/May - 2026

ADDITIONAL ENGLISH

CROSS-CULTURAL TEXTS – II

Time: 2½ hrs. **Max Marks: 60**

UNIT - I (PROSE)

I.A. Answer any TWO of the following in about 100-150 words each: (2x5=10)

1. How did the partition affect TobaTek Singh?
2. "Your time is limited, so don't waste it living someone else's life." Explain the significance of this statement by Steve Jobs.
3. Analyse the character of Savitri as 'pratikara devata' with suitable examples as presented by Pillai in the text *Savitri's Revenge.*

B. Answer any ONE of the following in about 250-300 words: (1x10=10)

4. *Toba Tek Singh* is a powerful satire and a bitter indictment of the political process and behaviour patterns that caused the 1947 India-Pakistan Partition. Comment.
5. Analyze the theme of gender and power in the royal court in the story *Savitri's Revenge.*

UNIT – II (NOVEL)

II. Answer any ONE of the following in about 250-300 words: (1x10=10)

6. Analyze the character of Andy Dufresne from *Rita Hayworth and Shawshank Redemption* as a symbol of resilience and quiet rebellion
7. What role does friendship play in Andy's survival and eventual escape from Shawshank? Elucidate your answer with reference to the novel by *Rita Hayworth and Shawshank Redemption* Stephen King.
8. Describe how the Revolt of 1857 is portrayed through the personal experiences of Ruth Labadoor from the novel *A Flight of Pigeons.*

UNIT - III (POETRY)

III.A Annotate any ONE of the following in about 100-150 words each: (1x5=5)

9. With a thousand fears that vision's face was grained;
Yet no blood reached there from the upper ground,
And no guns thumped, or down the flues made moan.
"Strange, friend," I said, "Here is no cause to mourn."
"None," said the other, "Save the undone years,
The hopelessness.

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10. What you think of prospects of world peace?
Pakistan behaving like this,
China behaving like that,
It is making me really sad, I am telling you.
Really, most harassing me.
All men are brothers, no?
In India also
Gujaratis, Maharashtrians, Hindiwallahs
All brothers -

Contd...2

B. Answer any TWO of the following in about 100-150 words each: (2x5=10)

11. Discuss Wilfred Owen's poem *Strange Meeting* as an anti-war poem.
12. How does the poem *Still I Rise* reflect Maya Angelou's own experiences and identity as a Black woman?
13. What does the speaker think of modern generation in the poem *The Patriot*?

UNIT – IV (Grammar and Writing Skills)

IV.A Select the appropriate one-word substitutes from the options provided. (5x1=5)
(plagiarize, conciseness, obsolete, posthumous, sceptic)

14. No longer in use; out of date.
15. The quality of being brief yet comprehensive.
16. Occurring, awarded or appearing after the death of the originator.
17. To steal and pass off ideas as one's own.
18. A person who doubts established beliefs.

B. Fill in the blanks with appropriate collocations from the options given. (5x1=5)

19. The company decided to _____ mistake and apologize to the customers. (admit, give, tell)
20. It's important to _____ a deadline if you want to keep your job. (find, meet, get)
21. I had a _____ pain in my leg after the marathon. (high, deep, sharp)
22. Before we start the project, we need to _____ a plan. (draw up, make up, do up)
23. There is a _____ possibility that the flight will be delayed. (sharp, distinct, heavy)

C.24 Write a movie review for any movie that you have watched recently. (1x5=5)

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12
Blooms Level	4	4	4	5	4	4	2	5	4	4	4	4
Mapped CO(s)	1	2	3	1	1	1	1	2	1	3	1	3

Q. No.	13	14	15	16	17	18	19	20	21	22	23	24
Blooms Level	4	1	1	1	1	1	2	2	2	2	2	3
Mapped CO(s)	4	4	4	4	4	4	4	4	4	4	4	1

(2024 batch onwards)

LC7EUAE174d Reg. No. | | | | | | | | |

ಸಂತ ಅಲೋಶಿಯಸ್ ಪರಿಗಣಿತ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮಂಗಳೂರು

ಭಾಷೆ ಮತ್ತು ಸಂಸ್ಕೃತಿ ಅಧ್ಯಯನ ನಿಕೇತನ

(ಪದವಿ ಕಲಿಕಾ ಕಾರ್ಯಕ್ರಮ)

ಬಿ.ಸಿ.ಎ./ಡೇಟಾ ಸೈನ್ಸ್ – ಎರಡನೆ ಯ ಚತುರ್ಮಾಸ ಅಂತಿಮ ಪರೀಕ್ಷೆ

ಎಪ್ರಿಲ್/ಮೇ - 2026

ಕನ್ನಡ ಭಾಷಾಪತ್ರಿಕೆ - II

ಸಮಯ : 2½ ಘಂಟೆ ಗರಿಷ್ಠ ಅಂಕ : 60

I. ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಲ್ಲಿ ಮೂರನ್ನು ಪ್ರಬಂಧ ರೂಪದಲ್ಲಿ ಉತ್ತರಿಸಿ (7x3=21)

1. ಬದುಕು ಯಾರಿಗೂ ಕಾಯುವುದಿಲ್ಲ ಎಂಬುದನ್ನು ಸಂಯುಕ್ತ-ವಿಶೂ ಅವರ ದಾಂಪತ್ಯ ಜೀವನ ಚಿತ್ರಣದ ಮೂಲಕ ವಿವರಿಸಿ.
2. ಅಪಾಯವನ್ನು ಉಪಾಯದಿಂದ ಎದುರಿಸುವ ಮನುಷ್ಯನ ಜಾಣ್ಮೆಯು ವ್ಯಾಕ್ಸಿನ್ ಪೈಲ್ವಾನ್ ನಾಟಕದಲ್ಲಿ ಹೇಗೆ ಮೂಡಿಬಂದಿದೆ? ವಿವರಿಸಿ.
3. ರೊಕ್ಕದಿಂದಾಗುವ ಲಾಭ ನಷ್ಟಗಳನ್ನು 'ರೊಕ್ಕ ಎರಡಕ್ಕೂ ದುಃಖ' ಎಂಬ ಕೀರ್ತನೆಯ ಮೂಲಕ ಪುರಂದರದಾಸರು ಹೇಗೆ ಅಭಿವ್ಯಕ್ತಿಸಿದ್ದಾರೆ? ವಿವರಿಸಿ.
4. ಜಪಾನ್ ಕೈಗಾರಿಕಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಪ್ರಗತಿ ಸಾಧಿಸಿದ್ದು ಹೇಗೆ? 'ಬೂದಿಯಿಂದ ಮೇಲೆದ್ದ ದೈತ್ಯ ಜಪಾನ್' ಲೇಖನದ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ವಿವರಿಸಿ.
5. ಪ್ರೀತಿಯ ಗಳೆಯ ಕರ್ಣನ ಉದಾತ್ತ ಗುಣಗಳು ದುರ್ಯೋಧನನಿಂದ ಹೇಗೆ ಪ್ರಕಟವಾಗಿವೆ? ವಿವರಿಸಿ
6. 'ಕೊನೆಯ ಗಿರಾಕಿ' ಕಥೆಯ ಆಶಯವನ್ನು 'ಕಾಣಿ'ಯ ಮೇಲಾಗುವ ಅನ್ಯಾಯದ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ವಿವರಿಸಿ.

II. ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಲ್ಲಿ ಮೂರನ್ನು ಸಂಕ್ಷಿಪ್ತ ರೂಪದಲ್ಲಿ ಉತ್ತರಿಸಿ (3x3=09)

7. ಹರೇಕಳ ಮೊಯ್ದಿನ್ ಅವರ ಆರಂಭದ ಜೀವನವನ್ನು ಕುರಿತು ಸಂಕ್ಷಿಪ್ತವಾಗಿ ಬರೆಯಿರಿ.
8. ಮೈಸೂರ ಮಲ್ಲಿಗೆಯ ಪ್ರೇಮ ಕವಿಯನ್ನು ಕುರಿತು ಸಂಕ್ಷಿಪ್ತವಾಗಿ ಬರೆಯಿರಿ.
9. ವ್ಯಾಕ್ಸಿನ್ ಪೈಲ್ವಾನ್ ನಾಟಕದಲ್ಲಿ ಮೂಢನಂಬಿಕೆಯ ವಿಡಂಬನೆಯನ್ನು ಕುರಿತು ಬರೆಯಿರಿ.
10. ಬರಹ ತಂತ್ರಾಂಶವನ್ನು ಕುರಿತು ಸಂಕ್ಷಿಪ್ತ ಉತ್ತರ ಬರೆಯಿರಿ.
11. ರಸವೇ ಜನನ ವಿರಸವೇ ಮರಣ – 'ಮನದನ್ನೆ' ಕವಿತೆಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಬರೆಯಿರಿ.
12. ಕನ್ನಡ ಸಾಹಿತ್ಯ ಪರಿಷತ್ ಸ್ಥಾಪನೆಯ ಹಿನ್ನೆಲೆಯನ್ನು ಕುರಿತು ಸಂಕ್ಷಿಪ್ತ ಪರಿಚಯ ಬರೆಯಿರಿ.

III. ಒಂದು ಪದ್ಯಭಾಗದ ಸಂದರ್ಭ ಸೂಚಿಸಿ ಪದ್ಯದ ಮಹತ್ವವನ್ನು ವಿವೇಚಿಸಿ (4x1=04)

13. ಮುಳಿಸು ಮಾವನ ಮೇಲೆ; ಮಗಳೇನ ಮಾಡಿದಳು?
ನಿಮಗೇತಕೀ ಕಲ್ಲು ಮನಸು?
ಹೋಗಿ ಬನ್ನಿರಿ, ಒಮ್ಮೆ ಕೈಮುಗಿದು ಬೇಡುವೆನು
ಅಮ್ಮನಿಗೆ ನಿಮ್ಮದೇ ಕನಸು.

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14. ನಿನ್ನ ಕೆಳೆಯಂ ಸುಯೋಧನ
ನಂ ನೋಡದೆ ನುಡಿಯದಪ್ಪಿಕೊಳ್ಳದೆ ಬೆಸನೇ
ನೆನ್ನದೆ ಜೀಯೆನ್ನದೆ ದೇ
ವೆನ್ನದದೇಕುಸಿರದಿರ್ಪ್ಯಯಂಗಾಧಿಪತೀ

Contd....2

IV. ಎರಡು ಪದ್ಯ ಸಾಲುಗಳ ಸಂದರ್ಭ ಸೂಚಿಸಿ ಸಾಲಿನ ಮಹತ್ವವನ್ನು ವಿವೇಚಿಸಿ (2x2=04)

15. ಒಂದುಸಿರೆ ತಾನಾಡಿದಂತೆ ಇಹುದು

16. ಸೂನುಗಳಟಿಪಿವಂ ಪ್ರಿಯಮನುಜರಟಿಪಿವಂ ವಿಧಾತ್ರ ನೀಂ ಕಾಣಿಸಿಯಿನ್ನೇನಂ ಕಾಣಿಸಲಿರ್ದಪೆ

17. ವಿದ್ಯದ ಮನುಜರ ಕರೆಸೋದು ರೊಕ್ಕ

18. ಬಳೆಯ ತೊಡಿಸುವುದಿಲ್ಲ ನಿಮಗೆ.

V.ಅ) ಕೆಳಗಿನ ಎರಡರ ಕುರಿತು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ (3x2=06)

19. ಬಳೆಗಾರ ವರ್ಣಿಸುವ ನವಿಲೂರಿನ ಚಿತ್ರಣ.

20. ಕುರುಕ್ಷೇತ್ರ ಯುದ್ಧದಲ್ಲಿ ಕರ್ಣನ ದುರಂತ

21. ಶ್ರೀನಿವಾಸ ನಾಯಕ

22. 'ಹೊಂದುಗೂಡಿಕೆ ಇರದ ಜನಕೆ ನೊಂದೆ' ಎಂಬ ನುಡಿಯ ಅರ್ಥವನ್ನು ಮನದನ್ನೆ ಕವಿತೆಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಬರೆಯಿರಿ.

ಆ) ಕೆಳಗಿನ ಎರಡರ ಕುರಿತು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ (3x2=06)

23. ಕೆ ಎ ದಯಾನಂದ ಅವರ ಸಂಕ್ಷಿಪ್ತ ಪರಿಚಯ.

24. ನೇಮಿಚಂದ್ರರ ಬದುಕು-ಬರಹ.

25. ಶ್ರೀಲಿಪಿಯ ಸಮಸ್ಯೆ.

26. ದೀಪ್ತಿ ಎಸ್ ಆರ್ ಅವರ ಸಂಕ್ಷಿಪ್ತ ಪರಿಚಯ ಬರೆಯಿರಿ.

VI. ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಒಂದೊಂದು ವಾಕ್ಯದಲ್ಲಿ ಉತ್ತರಿಸಿ (1x10=10)

27. ಪುರಂದರದಾಸರ ಕೀರ್ತನೆಗಳ ಅಂಕಿತನಾಮವೇನು?

28. ಹರೇಕಳ ಮೊಯ್ದಿನ್ ಅವರಿಗೆ ಬಾಬಾ ಆಮ್ಟೆಯವರ ಕೈಯಿಂದ ಕೊಡಿಸಿದ ಪ್ರಶಸ್ತಿ ಯಾವುದು?

29. ಗದಾಯುದ್ಧ ಕಾವ್ಯವನ್ನು ಬರೆದ ಕವಿ ಯಾರು?

30. ಕನ್ನಡದ ಪ್ರೇಮಕವಿ ಎಂದು ಪ್ರಸಿದ್ಧರಾದ ಕವಿ ಯಾರು?

31. 'ಮನದನ್ನೆ' ಪದ್ಯವನ್ನು ಬರೆದ ಕವಿ ಯಾರು?

32. 'ಬೂದಿಯಿಂದ ಮೇಲೆದ್ದ ದೈತ್ಯ ಜಪಾನ್' ಲೇಖನವನ್ನು ಬರೆದವರು ಯಾರು?

33. ಬದುಕು ಕಾಯುವುದಿಲ್ಲ - ಕಥೆಯನ್ನು ಬರೆದವರು ಯಾರು?

34. ವಾಕ್ಸಿನ್ ಪೈಲಾ್ವನ್ - ನಾಟಕದಲ್ಲಿ ಮಗುವಿಗೆ ಬಂದಿದ್ದ ರೋಗ ಯಾವುದು?

35. ಸಾಪಿನಂಚಿನ ಸಂವಾದ ಲೇಖನವನ್ನು ಬರೆದವರು ಯಾರು?

36. 'ಕೊನೆಯ ಗಿರಾಕಿ' ಕತೆಯಲ್ಲಿ ಕೊನೆಯ ಗಿರಾಕಿ ಯಾರು?

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12
Blooms Level	4	4	4	4	4	4	3	3	3	3	3	3
Mapped CO(s)	3	1	1	2	1	1	4	3	4	2	3	2

Q. No.	13	14	15	16	17	18	19	20	21	22	23	24
Blooms Level	4	4	3	3	3	3	2	2	2	2	2	2
Mapped CO(s)	3	1	3	1	1	3	3	1	1	3	2	3

Q. No.	25	26	27	28	29	30	31	32	33	34	35	36
Blooms Level	2	2	1	1	1	1	1	1	1	1	1	1
Mapped CO(s)	2	4	1	4	1	3	3	2	3	4	4	1

(2024 batch onwards)

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ಸಂತ ಅಲೋಶಿಯಸ್ ಪರಿಗಣಿತ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮಂಗಳೂರು

ಭಾಷೆ ಮತ್ತು ಸಂಸ್ಕೃತಿ ಅಧ್ಯಯನ ನಿಕೇತನ (ಪದವಿ ಕಲಿಕಾ ಕಾರ್ಯಕ್ರಮ)

ಬಿಎಸ್ಸಿ/ ಅನಿಮೇಷನ್ & ವಿಶುವಲ್ ಕಮ್ಯುನಿಕೇಷನ್ – ಎರಡನೆಯ ಚತುರ್ಮಾಸ ಅಂತಿಮ ಪರೀಕ್ಷೆ

ಎಪ್ರಿಲ್/ಮೇ - 2026

ಕನ್ನಡ ಭಾಷಾಪತ್ರಿಕೆ - II

ಸಮಯ : 2½ ಘಂಟೆ ಗರಿಷ್ಠ ಅಂಕ : 60

I. ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಲ್ಲಿ ಮೂರನ್ನು ಪ್ರಬಂಧ ರೂಪದಲ್ಲಿ ಉತ್ತರಿಸಿ (7x3=21)

1. ಭರತನಿಗೆ ಭ್ರಮನಿರಸನವಾಗಲು ಕಾರಣವೇನು? ವಿವರಿಸಿ
2. ಖಗೋಳಶಾಸ್ತ್ರಜ್ಞ ಹಾಗೂ ಗಣಿತ ಶಾಸ್ತ್ರಜ್ಞ ಭಾಸ್ಕರಾಚಾರ್ಯರು ಮತ್ತು ಅವರ ಗ್ರಾಂಥಿಕ ಕೊಡುಗೆಗಳೇನು? ವಿವರಿಸಿ
3. 'ಸಾಹಸಿಗೆ ಯಾವುದೂ ಅಸಾಧ್ಯವಲ್ಲ' ಎಂಬುದನ್ನು ಕವಿತಾ ಮಿಶ್ರಾ ಅವರು ಸಾಬೀತುಪಡಿಸಿದ ಬಗೆಯನ್ನು ವಿವರಿಸಿ
4. ಜನಾಂಗವೊಂದರ ನೋವಿನ ಅನಿವಾರ್ಯತೆ ಸಿದ್ಧಲಿಂಗಯ್ಯನವರ ಕಾವ್ಯ ಶಕ್ತಿಯಾಗಿ ಹೊರಹೊಮ್ಮಿದ ಬಗೆಯನ್ನು ವಿವರಿಸಿ
5. ಹಳ್ಳಿಯ ಜನರ ಮುಗ್ಧ ಮನೋಸ್ಥಿತಿ ಮತ್ತು ಹಳ್ಳಿ ಶಾಲೆಗಳ ಪರಿಸ್ಥಿತಿ 'ರಂಗಣ್ಣನ ಕನಸಿನ ದಿನಗಳು' ಕತೆಯಲ್ಲಿ ಹೇಗೆ ಮೂಡಿ ಬಂದಿದೆ? ವಿಮರ್ಶಿಸಿ
6. 'ಮಲೆಗಳಲ್ಲಿ ಮದುಮಗಳು' ಕಾದಂಬರಿಯ ಸಿಂಬಾವಿ ಭರಮ್ಮೆ ಹೆಗ್ಗಡೆಯ ಸಂಬಂಧ ಬೆಳೆಸಲು ಮಾಡಿದ ನಾಗತ್ತೆಯ ಪ್ರಯತ್ನವೇನಾಯಿತು? ವಿವರಿಸಿ

II. ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಲ್ಲಿ ಮೂರನ್ನು ಸಂಕ್ಷಿಪ್ತ ರೂಪದಲ್ಲಿ ಉತ್ತರಿಸಿ (3x3=09)

7. ಪತಂಜಲಿಯ ಮಹಾನ್ ಕೊಡುಗೆಗಳೇನು?
8. ಬದುಕಿನ ಬಗೆಗಿನ ಉಮರ್ ಖಯ್ಯಾಮರ ದಾರ್ಶನಿಕತೆಯನ್ನು ವಿವರಿಸಿ
9. ನದಿಯ ನಿಗೂಢತೆಯ ಸೋಜಿಗವು 'ಶಾಲ್ಮಲಾ' ಕವಿತೆಯಲ್ಲಿ ಹೇಗೆ ವ್ಯಕ್ತವಾಗಿದೆ?
10. ಭಾವನೆ ಮತ್ತು ವಾಸ್ತವ ಸಂಗತಿಗಳ ನಡುವಿನ ಸತ್ಯದ ಹುಡುಕಾಟ ಶ್ರೀಕೃಷ್ಣ ಆಲನಹಳ್ಳಿ ಕವಿತೆಯಲ್ಲಿ ಹೇಗೆ ಅಭಿವ್ಯಕ್ತಿಗೊಂಡಿದೆ?
11. 'ಅಂಗಳದ ಆರಳಿ' ಮರದಲ್ಲೂ ಚಿಗುರೆಲೆಯನ್ನು ಕವಿ ಯಾಕೆ ಬಯಸಿದ್ದಾರೆ?
12. 'ಬಾನಕ್ಕಿ' ಕವಿತೆಯಲ್ಲಿ ಅನಾವರಣಗೊಂಡ ಪ್ರಕೃತಿ ಸೌಂದರ್ಯದ ಕುರಿತು ಬರೆಯಿರಿ

III. ಒಂದು ಪದ್ಯಭಾಗದ ಸಂದರ್ಭ ಸೂಚಿಸಿ ಪದ್ಯದ ಮಹತ್ವವನ್ನು ವಿವೇಚಿಸಿ (4x1=04)

13. ಇನಿಯವು ಮೊದಲೊಳ್ ನಂಜಿನ
ಪನಿವೊಲ್ ಬಟ್ಟಿಕೆಯ್ದೆ ಮುಳಿದು ಕೊಂದಿಕ್ಕುವುವಿಂ
ತೆನೆಯೆನೆ ವಿಷಯಸುಖಾಸ್ವ
ದನದೊಳ್ ಲಂಪಟರಿದೇಕೆಯೋ ನರಪಶುಗಳ್
14. ಮುರಿದ ಮನ ಇರಿದ ಎದೆ
ಕತ್ತಲೆಯು ಮುತ್ತಿರುವ ನಾಡಿನಲ್ಲಿ
ನನ್ನ ಒಲವಿನ ಹೂವ ಕಂಡಿರೇನು?
ಈ ಮಣ್ಣಿನಲೆ ಮಿಂಚಿ ಆನಂದವನು ಹಂಚಿ
ಮರೆಯಾದ ದನಿಯನ್ನು ಕಂಡಿರೇನು?

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Contd....2

IV. ಎರಡು ಪದ್ಯ ಸಾಲುಗಳ ಸಂದರ್ಭ ಸೂಚಿಸಿ ಸಾಲಿನ ಮಹತ್ವವನ್ನು ವಿವೇಚಿಸಿ (2x2=04)

15. ಅಂಗವಡೆಯದ ಸೊಗದ ಪಾಂಗಿನಿಂ ತೇಲಾಡಿ ಹರಿದಾಡುವೆ.
16. ಇಸ್ಸೀ ಮೈತುಂಬ ಮುಳ್ಳು ಕರ್ರಗೆ ಕರಡಿ ಜುಂಗಿನಂತೆ
17. ಕಣ್ಗೆ ಕಾಣುವುವೆಲ್ಲ ನಗುವೂಗಳೆ!
18. ಒಮ್ಮೆ ಅರಳಿದ ಹೂವು ಬಾಡುವುದೆ ದಿಟವು

V.ಅ) ಕೆಳಗಿನ ಎರಡರ ಕುರಿತು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ (3x2=06)

19. ಭರತ ಬಾಹುಬಲಿ
20. ಮಂಜೇಶ್ವರ ಗೋವಿಂದ ಪೈ
21. ಉಮರ್ ಖಯ್ಯಾಮ
22. ನದಿಗಳ ನಿಗೂಢ ಹರಿವು - ಪ್ರಕೃತಿಯ ವಿಸ್ಮಯ

ಆ) ಕೆಳಗಿನ ಎರಡರ ಕುರಿತು ಟಿಪ್ಪಣಿ ಬರೆಯಿರಿ (3x2=06)

23. ಪತಂಜಲಿಯ ಅಷ್ಟಾಂಗ ಯೋಗ
24. ನಾಗಕ್ಕನ ಪಾತ್ರ ಪರಿಚಯ
25. ಮಲೆನಾಡಿನಿಂದ ಬಿಸಿಲುನಾಡಿಗೆ ಕವಿತಾ ಮಿಶ್ರರ ಜೀವನ ಪಯಣ
26. ರಂಗಣ್ಣ ಸಹಾಯಕ ಶಂಕರಪ್ಪ

VI. ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಒಂದೊಂದು ವಾಕ್ಯದಲ್ಲಿ ಉತ್ತರಿಸಿ (1x10=10)

27. ಕವಿತಾ ಮಿಶ್ರ ಅವರ ಹುಟ್ಟೂರು ಯಾವುದು?
28. 'ರಂಗಣ್ಣ ಕನಸಿನ ದಿನಗಳು' ಕಥೆಯಲ್ಲಿ ಬಳಸಲಾದ ಅಗಸಾ-ಅಗಸ ಪದಗಳ ಅರ್ಥ ವ್ಯತ್ಯಾಸವೇನು?
29. ಸೂಫಿ ಸಂತರನ್ನು ------ ಎಂದು ಕರೆಯುತ್ತಾರೆ? [ಆಯ್ಕೆ ಮಾಡಿ ಉತ್ತರಿಸಿ : ಕಾಲಜ್ಞಾನಿ, ತತ್ವಜ್ಞಾನಿ, ಆತ್ಮಜ್ಞಾನಿ]
30. 'ದೀಪಗಟಿ' ಕವನ ಸಂಕಲನವನ್ನು ಬರೆದವರು ಯಾರು?
31. 'ಇಂಡಿಯನ್ ಸ್ಪೇಸ್ ರಿಸರ್ಚ್ ಆರ್ಗನೈಸೇಶನ್'ನ ಸಂಸ್ಥಾಪಕರು ಯಾರು?
32. 'ಪಸರಿಪ ಕನ್ನಡಕ್ಕೊಡೆಯನೋರ್ವನೆ ಪಂಪನಾವಗಂ' ಎಂದು ಪಂಪನನ್ನು ಹೊಗಳಿದ ಕವಿ ಯಾರು?
33. ಶ್ರೀಕೃಷ್ಣ ಆಲನಹಳ್ಳಿಯವರು ಯಾವ ಜಿಲ್ಲೆಯವರು?
34. 'ಹೊಲೆಮಾದಿಗರ ಹಾಡು' ಕೃತಿಯನ್ನು ಬರೆದವರು ಯಾರು?
35. ಗೋವಿಂದ ಪೈಗಳ ಗುರುಗಳು ಯಾರು?
36. 'ಸೀರುಡಿಕೆ' ಮಾಡಿಕೊಳ್ಳುವುದು ಎಂದರೇನು?

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12
Blooms Level	4	4	4	4	4	4	3	3	3	3	3	3
Mapped CO(s)	1	4	4	3	2	3	4	1	2	2	3	1

Q. No.	13	14	15	16	17	18	19	20	21	22	23	24
Blooms Level	4	4	3	3	3	3	2	2	2	2	2	2
Mapped CO(s)	1	3	1	2	3	1	1	3	1	2	4	3

Q. No.	25	26	27	28	29	30	31	32	33	34	35	36
Blooms Level	2	2	1	1	1	1	1	1	1	1	1	1
Mapped CO(s)	4	2	4	2	1	2	4	1	2	3	1	3

(2024 - Batch onwards)

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ST ALOYSIUS (DEEMED TO BE UNIVERSITY)
MANGALURU
SCHOOL OF LANGUAGES AND CULTURAL STUDIES
(UG PROGRAMME)
B.A./ B.Com./B.B.A./B.Sc./B.C.A. - Semester II – Degree Examination
April / May - 2026
HINDI

Time: 2½ hrs. **Max Marks: 60**

I किन्हीं दो प्रश्नों के उत्तर लिखिए : (2x5=10)

1. राजभाषा तथा संपर्क भाषा के रूप में हिंदी के मुख्य विषय पर चर्चा कीजिए।
2. प्रयोजनमूलक हिंदी की परिभाषा लिखकर विशेषताओं को समझाइए।
3. राजभाषा आयोग पर प्रकाश डालिए।
4. शब्दावली के सन्दर्भ में समिति द्वारा स्वीकृत आयोग की सिफारिशों पर प्रकाश डालिए।

II अ) किसी एक प्रश्न का उत्तर लिखिए : (1x5=05)

5. टिप्पण लेखन किसे कहते हैं? टिप्पणी लेखन की विशेषताओं पर प्रकाश डालिए।
6. आपके विद्यालय के वार्षिकोत्स्व पर प्रतिवेदन लिखिए।

आ) निम्नलिखित शब्दों के हिंदी रूप लिखिए : (5x1=05)

7. Supervisor
8. Treasurer
9. Evaluation
10. Jurisdiction
11. Administration

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III एक वाक्य में उत्तर लिखिए : (10x1=10)

12. पति हड़बड़ी में क्या भूल जाता है?
13. निक्की के गेट पर फूल कौन चढ़ाता था?
14. श्रद्धा सर्ग के रचनकार कौन है?
15. 'प्रभात का ग्वाला' कौन है?
16. प्रताप और निक्की की शादी कौन कराता है?
17. अमेरिका में निक्की कितने दिन रही?
18. औरतें किन्हें देखकर मुस्कुराती हैं?
19. 'राम की शक्ति पूजा' कविता के रचनकार कौन है?
20. अमित निक्की के पास कौनसा प्रस्ताव लेकर आता है?
21. हिंदू मुसलमान का दंगा कहाँ हुआ था?

Contd...2

IV अ) निम्नलिखित किसी एक पद्यांश का संदर्भ सहित व्याख्या कीजिए : (1x5=05)

22. "कौन तुम! संसृति-जलनिधि तीर- तरंगों से फेंकी मणि एक,
कर रहे निर्जन का चुपचाप प्रभा की धारा से अभिषेक?
मधुर विश्रांत और एकांत—जगत का सुलझा हुआ रहस्य,
एक करुणामय सुंदर मौन और चंचल मन का आलस्य!"

23. "उदयाचल से किरन-धेनुएँ,
हाँक ला रहा वह प्रभात का ग्वाला।
पूँछ उठाए चली आ रही,
दिखा रहे पथ इस भूमि का
सारस, सुना-सुना बोली ।"

आ) किसी एक पात्र का चरित्र-चित्रण लिखिए : (1x5=05)

24. चरणजीत

25. बहादुर

V किसी एक प्रश्न का उत्तर लिखिए : (1x10=10)

26. 'किस्सा जनतंत्र' कविता की विशेषताओं पर प्रकाश डालिए।

27. 'श्रद्धा सर्ग' में श्रद्धा के रूप का वर्णन किस तरह चित्रित किया है? स्पष्ट कीजिए।

VI किसी एक प्रश्न का उत्तर लिखिए : (1x10=10)

28. पठित उपन्यास 'सेवा और समर्पण' के आधार पर शीर्षक की सार्थकता सिद्ध कीजिए।

29. 'सेवा और समर्पण' उपन्यास का सारांश लिखते हुए उसकी विशेषताओं पर प्रकाश डालिए।

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Blooms Level	2	2	2	2	2	2	1	1	1	1	1	1	1	1
Mapped CO(s)	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO5	CO5	CO5

Q. No.	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Blooms Level	1	1	1	1	1	1	1	4	4	4	4	4	4	4	4
Mapped CO(s)	CO5	CO2	CO2	CO2	CO2	CO2	CO5	CO2	CO4	CO5	CO5	CO2	CO4	CO5	CO5

(2024 batch onwards)

LC7HUAE174c Reg No.: | | | | | | | | |

St Aloysius (Deemed to be University)
Mangaluru
SCHOOL OF LANGUAGES AND CULTURAL STUDIES
(UG Programme)
B.C.A./DATA SCIENCE - Semester II - Degree Examination
April / May - 2026
SANSKRIT

Time: 1½ hrs. **Max Marks: 50**

I द्वौ अनुवादं कृत्वा विवृणुत । **2 x 5 = 10**

1 असंशयं महाबाहो! मनो दुर्निग्रहं चलम् ।
अभ्यासेन तु कौन्तेय वैराग्येण च गृह्यते ॥

2 जानामि सर्वत्र सदा च नाम द्विजोत्तमाः पूज्यतमाः पृथिव्याम् ।
अकार्यमेतच्च मयाद्य कार्यं मातुर्नियोगाद् अपनीय शङ्काम् ॥

3 माता किल मनुष्याणां देवतानां च दैवतम् ।
मातुराज्ञां पुरस्कृत्य वयमेतां दशां गताः ॥

4 मा निषाद! प्रतिष्ठां त्वमगमः शाश्वतीः समाः ।
यत्क्रौञ्चमिथुनादेकमवधीः काममोहितम् ॥

II त्रीन् कर्णाटकभाषया आङ्लभाषया वा प्रबन्धात्मकमुत्तरं लिखत । **3 x 5 = 15**

5 मध्यमव्यायोगः इति नाटकशीर्षिकायाः सार्थक्यं निरूपयत ।

6 भारतीयविज्ञाने गणितशास्त्रमधिकृत्य लिखत ।

7 रामस्य अवतारनिर्धारं अभयं ते प्रदास्यामि पाठोक्तरीत्या विवृणुत ।

8 संस्कृतनाटकानां उगमः– अस्मिन् विचारे प्रबन्धं लिखत ।

9 अष्टाङ्गयोगः पाठोक्त विचारान् विशदीकुरुत ।

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III द्वौ कर्णाटकभाषया आङ्लभाषया वा टिप्पणीं लिखत । **2 x 4 = 08**

10 सूत्रधारः ।

11 भासमहाकविः ।

12 चम्पूकाव्यानि ।

IV त्रीन् सप्रसङ्गं विवृणुत । **3 x 4 = 12**

13 गणितं तावत् विज्ञानस्य मूलम् ।

14 स्वरोऽयं बहुसदृशो धनञ्जयस्वरस्य ।

15 कुशीलवौ कुशलवनामधारिणौ ।

16 भोः सुयोधन, वर्धते ते शत्रुपक्षः ।

17 मोक्षो नाम दुःखत्रयात् मुक्तिः ।

Contd...2

V एकं संस्कृतेन टिप्पणीं लिखत । 1 x 6 = 06

18 महाभारतम् ।

19 चम्पू रामायणम् ।

20 योगशास्त्रम् ।

VI न्यायत्रयं विषदयत । 03 x 03 = 09

21 पतञ्जदीपकन्यायः ।

22 स्थूणनिखननन्यायः ।

23 सिंहावलोकनन्यायः ।

24 चक्रभ्रमणन्यायः ।

25 कूपमण्डूकन्यायः ।

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12
Blooms Level	3	1	3	1	3	2	2	3	2	2	3	3
Mapped CO(s)	2	4	4	1	4	3	1	4	2	4	4	1

Q. No.	13	14	15	16	17	18	19	20	21	22	23	24	25
Blooms Level	1	2	2	2	3	1	2	3	1	1	1	1	1
Mapped CO(s)	3	4	1	4	2	4	1	2	5	5	5	5	5

(2024 batch onwards)

LC7HUAE174d Reg No.: | | | | | | | | |

St Aloysius (Deemed to be University)
Mangaluru
SCHOOL OF LANGUAGES AND CULTURAL STUDIES
(UG Programme)
B.Sc./Animation & Visual Communication - Semester II - Degree Examination

April / May - 2026
SANSKRIT

Time: 1½ hrs. **Max Marks: 50**

I द्वौ अनुवादं कृत्वा विवृणुत । **2 x 5 = 10**

1 अस्ति प्रशस्ता जनलोचनानामानन्दसन्दायिषु कोसलेषु ।
आज्ञासमुत्सारितदानवानां राज्ञामयोध्येति पुरी रघूणाम् ॥

2 युद्धप्रियाश्च शरणागतवत्सलाश्च दीनेषु पक्षपतिताः कृतसाहसाश्च ।
एवंविधप्रतिभयाकृतिकुचेष्टितानां दण्डं यथार्थमिह धारयितुं समर्थाः ॥

3 भ्रान्तैः सुतैः परिवृतः तरुणैः सदारैः वृद्धो द्विजो निशिचरानुचरः स एषः ।
व्याघ्रानुसारचकितो वृषभः सधेनुः सन्त्रस्तवत्सक इवाकुलतामुपैति ॥

4 अस्ति प्रशस्तविभवैर्विबुधैरलङ्घ्या लङ्केति नाम रजनीचरराजधानी ।
माणिक्यमन्दिरभुवां महसां प्ररोहैस्तेजस्त्रयाय दिनदीपदशां दिशन्ती ॥

II त्रीन् कर्णाटकभाषया आङ्लभाषया वा प्रबन्धात्मकमुत्तरं लिखत । **3 x 5 = 15**

5 रामस्य अवतारनिर्धारं देवतानाम् अभयप्रदानम् पाठोक्तरीत्या विवृणुत ।

6 मध्यमव्यायोगः रूपके वृद्धब्राह्मणकुटुम्बस्य सदस्यानां पात्रचित्रणं कुरुत ।

7 प्राचीनभारतीयविज्ञाने खगोलशास्त्रमधिकत्य लिखत ।

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8 पातञ्जलयोगदर्शनम् पाठोक्त अष्टाङ्गयोगविचारान् विशदीकुरुत ।

9 मध्यमव्यायोगः रूपकेघटोत्कच पात्रस्य चित्रणं कुरुत ।

III द्वौ कर्णाटकभाषया आङ्लभाषया वा टिप्पणीं लिखत । **2 x 4 = 08**

10 नान्दी ।

11 महाकवि भासः ।

12 चम्पूकाव्यानि ।

IV त्रीन् सप्रसङ्गं विवृणुत । **3 x 4 = 12**

13 योगश्चित्तवृत्तिनिरोधः ।

14 बलाबलं परिज्ञाय पुत्रमेकं विसर्जय ।

15 मोहो नाम विषादः ।

16 राजा चिरादवति रावणनामधेयः ।

17 सूर्यः पृथिव्याधारः ।

Contd...2

V एकं संस्कृतेन टिप्पणीं लिखत । 1 x 6 = 06

18 चम्पू रामायणम् ।

19 महाभारतम् ।

20 पाण्डवाः ।

VI न्यायत्रयं विषदयत । 03 x 03 = 09

21 चक्रभ्रमणन्यायः ।

22 पतङ्गदीपकन्यायः ।

23 नष्टाश्वदग्धरथन्यायः ।

24 भिक्षुपादप्रसारणन्यायः ।

25 कूपमण्डूकन्यायः ।

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12
Blooms Level	2	2	3	2	2	3	3	3	2	2	3	3
Mapped CO(s)	1	4	4	1	1	4	2	3	4	4	4	1

Q. No.	13	14	15	16	17	18	19	20	21	22	23	24	25
Blooms Level	2	3	2	1	1	3	1	2	1	1	1	1	1
Mapped CO(s)	3	4	3	1	2	1	4	4	5	5	5	5	5

(2025 - Batch onwards)

LC7KUAE174 Reg. No. | | | | | | | | |

ಸಂತ ಅಲೋಶಿಯಸ್ ಪರಿಗಣಿತ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಮಂಗಳೂರು

ಭಾಷೆ ಮತ್ತು ಸಂಸ್ಕೃತಿ ಅಧ್ಯಯನ ನಿಕೇತನ

(ಪದವಿ ಕಲಿಕಾ ಕಾರ್ಯಕ್ರಮ)

ಬಿಎ/ ಬಿಸಿಎ/ ಬಿಎಸ್ಸಿ/ ಬಿಕಾಂ - ಎರಡನೆಯ ಚತುರ್ಮಾಸ ಅಂತಿಮ ಪರೀಕ್ಷೆ

ಎಪ್ರಿಲ್/ಮೇ - 2026

ತುಳು ಭಾಷಾಪತ್ರಿಕೆ- II

ಸಮಯ : 2½ ಘಂಟೆ ಗರಿಷ್ಠ ಅಂಕ: 60

I. ತಿರ್ತ್‌ದ ಪ್ರಸ್ನೆಲೆಡ್ ಮೂಜೆಕ್ ಪ್ರಬಂಧ ರೂಪೊಡು ಉತ್ತರಿಸಾಲೆ. **(7x3=21)**

1. ಬಾರೀ ಸಂಬ್ರಮೊಗು ಕಾರಣ ಆವೊಡಿತ್ತಿನ ಪೂಕರೆ ಕಂಬುಲ ಎಂಚ ದುರಂತೊಡು ಮುಗಿಂಡ್?
2. 'ಸಾರೊ ಎಸಳ್‌ದ ತಾಮರೆ' ಕಬಿತೆಡ್ ಕವಿ ನಾಡ್ - ನುಡಿತ ಪ್ರೀತಿನ್ ಎಂಚ ಪ್ರತಿಬಿಂಬಿಸಾದೆರ್?
3. ಕಾಡ್‌ದ ಋಷಿ ಮುನಿಕ್ಲೆನ್ ತೂವೊಡು ಪನ್ಪಿನ ಸೀತೆನ ಆಸೆ ಆಳೆಗ್ ಎಂಚ ಮುಳ್ಳಾಂಡ್ ತೆರಿಪಾಲೆ.
4. ಗೋಂದೊಲು ತುಳು ನಾಟಕೊಡು ಮೂಡುದು ಬಯ್ದಿನ ಶೋಷಣೆದ ಸ್ವರೂಪೊನು ಬರೆಲೆ.
5. ಕರಿಯವಜ್ಜೆರೆನ ಗುತ್ತುದಿಲ್ಲ್ ಬೊಕ್ಕ ಮುಳ್ಯಪ್ಪೆನ ದಡಿಕೆದಿಲ್ಲಗ್ ಇಪ್ಪುನ ಸಂಬಂದೊನು ತೆರಿಪಾಲೆ.
6. ಮೌಖಿಕ ಸಂಪ್ರದಾಯೊಡು ಒರಿದ್ ಬತ್ತಿನ ತುಳುನಾಡ್‌ದ ಐತಿಹ್ಯೊಲೆನ್ ಬರೆಲೆ.

II. ತಿರ್ತ್‌ದ ಪ್ರಸ್ನೆಲೆಡ್ ಮೂಜೆಕ್ ಸಂಕ್ಷಿಪ್ತ ರೂಪೊಡು ಉತ್ತರಿಸಾಲೆ **(3x3=09)**

7. 'ಕೋಟಿ – ಚೆನ್ನಯ' ತುಳು ಸಿನೆಮಾದ ಬಗ್ಗೆ ಎಲ್ಕೆಡ್ ಬರೆಲೆ.
8. ಚೆನ್ನು ನಲಿಕೆ ತುಳುನಾಡ್‌ದ ಒಂಜಿ ಜನಾಂಗೊದ ಜೀವನದ ಪ್ರತೀಕವಾದುಂಡು ಎಂಚ?
9. ಕಿಟ್ಟಪ್ಪನ ಗುಣ ಸ್ವಭಾವೊ ಎಂಚಿತ್ತಿನವು ? ವಿವರಿಸಾಲೆ.
10. 'ಬಿನ್ನೆರ್' ಕಬಿತೆದ ಆಶಯೊನು ತೆರಿಪಾಲೆ.
11. ಕೋರಿದ ಕಟ್ಟ ತುಳುನಾಡ್‌ದ ಒಂಜಿ ಆಚರಣಾತ್ಮಕ ಗೊಬ್ಬು ಪನ್ಪುನೆನ್ ವಿವರಿಸಾಲೆ.
12. ತುಳುನಾಡ್‌ದ ಇತ್ತೆದ ವೃತ್ತಿ ರಂಗಭೂಮಿದ ಸ್ಥಿತಿಗತಿನ್ ತೆರಿಪಾಲೆ.

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III. ಒಂಜಿ ಪದ್ಯಭಾಗೊದ ಸಂದರ್ಭೊ ತೆರಿಪಾದ್ ಪದ್ಯದ ಮಹತ್ವೊನು ವಿವೇಚಿಸಾಲೆ. **(4x1=04)**

13. ಇಂಚ ಆ ದೂತನಾ ಒಗಟ್‌ದಂಚಿ ಪಾತೆರೊಗು
ಇಂಚ ಈ ಪಂಡಿನೆಟ್ ಸಂದೇಹ ಆಪುಂಡು
ಎಂಚಿನಾಂಡಲ ಸರಿಯೆ ಈ ಎಂಕ್ ಪನೊಡಪ್ಪ ಪೊಸತ್ ಒವ್ವಾಂಡ ಉಂಡ
ಆಂಚ ಕೇನ್ನಗ ದೂತೆ ಓ ದನಿಯೆ ಯಾನಿತ್ತೆ
ಎಂಚ ಪನೊಲಿಯೆ ಪನ್ಲೆ ಒರ್ಯೆ ಮಡ್ಯೆಲೆ ತಾನ್
ವಂಚನೆಡ್ ಈರೆನ ಜತೆಟ್ ಉಪ್ಪುನಾ ಎನ್ನಪ್ಪೆ ಸೀತೆನ್ ನಿಂದಿಸಿಯೆ ದಾಯೆ ಪಂಡಾ
14. ಓ ಬಂಗಾಡಿ ಗಟ್ಟಡ್ ಚೆನ್ನುಗು ಬಂಗಾರ್ ಬಾಲೆಂಡ್
ಶಿರಾಡಿ ಗಟ್ಟಡ್ ಚೆನ್ನುಗು ಸೀರೆತ ನೆರಿಲಾಂಡ್
ನಾಯಿದ ಕುತ್ತಾಂಡ ದೆತ್ತಿ ಬೊನ್ಯೊಡು ಪೋವಾಡ್
ಪುಚ್ಚೆದ ಕುತ್ತಾಂಡ ದೆತ್ತಿ ಪೇರ್‌ಡ್ ಪೋವಡ್
ಓ ಮಾನ್ಯ ಕುತ್ತಾಂಡ ದೆತ್ತಿ ಕಡಲ್ ಪಾಯಡ್

Contd...2

IV. ರಡ್ಡ್ ಪದ್ಯೊದ ಸಾಲ್‌ಲೆನ ಸಂದರ್ಭೊ ತೆರಿಪಾದ್ ಅವೆತ್ತ ಮಹತ್ವೊನು ಬರೆಲೆ. **(2x2=04)**

15. ಮುಕ್ಯೊದು ಬುಡಿಯೆರ್ ಆರಿಗೆನ್

16. ಗಂಗೆ ಗೌರಿ ಕಾಳಿ ಬೊಳ್ಳಿ ಇಂಚಿ ಬಲೆದೆ

17. ಮರತ ಬೇರ್ ಒರಿತ್ ಬರಡ್ ಒರಿಯಗ್ಗೊವ್ವರಿ ಬಿನ್ನೆರ್

18. ಸಾರೊ ಎಸಳ್‌ದ ತಾಮರೆ

V.ಅ) ತಿರ್ತ್‌ದೆಟ್ಟ್ ರಡ್ಡೆಕ್ಕ್ ಟಿಪ್ಪಣಿ ಬರೆಲೆ. **(3x2=06)**

19. ಕಿನ್ನಿದಾರು

20. ಕುಕ್ಕುಟ ಪಂಚಾಂಗೊ

21. ಶ್ರೀರಾಮೆ

22. ಓ ಬೇಲೆ

ಆ) ತಿರ್ತ್‌ದೆಟ್ಟ್ ರಡ್ಡೆಕ್ಕ್ ಟಿಪ್ಪಣಿ ಬರೆಲೆ. **(3x2=06)**

23. ಅಮೆದಿಕಲ್ಲ್

24. ಡಿ.ಕೆ. ಚೌಟ

25. ಶ್ರೀ ಸರ್ವಮಂಗಳ ನಾಟಕ ಕಂಪೆನಿ

26. ಕಾಂತು

VI. ತಿರ್ತ್‌ದ ಪ್ರಸ್ನೆಲೆಗ್ ಒಂಜೊಂಜಿ ವಾಕ್ಯೊದು ಉತ್ತರಿಸಾಲೆ **(1x10=10)**

27. ಗಡಿಹಾರ ಕತೆಟ್ ಕಿಟ್ಟೆ ಬಚಾವು ಮಲ್ತಿನಿ ಏರೆನ್ ?

28. 'ಬಿನ್ನೆರ್' ಏರ್ ಬರೆತಿನ ಕಬಿತೆ?

29. ತುಳುವೆರೆ ನಂಬೊಲಿಗೆಡ್ ಬಲಿಯೇಂದ್ರೆ ಪಂಡ ಏರ್?

30. ಮದರನ ಬುಡೆದಿ ಎಂಚ ಸೈತಳ್?

31. 'ಗೋಂದೊಲು' ನಾಟಕೊಡು ಏರೆನ್ ಒಕ್ಕೆಲ್ ಲಕ್ಕಾದ್ ಕಡಪುಡಿಯೆರ್?

32. 'ತುಳು ಹರಿಹರನ ರಗಳೆಲು' ಕೃತಿನ್ ಏರ್ ಬರೆತೆರ್?

33. 'ಗೋಂದೋಲು' ನಾಟಕೊಡು ಪೆರ್ಗಡೆನ ಮರ್ಜಿಗ್ ತಕ್ಕ ನಲಿಪುನ ರಡ್ಡ್ ತೈನಾತಿಲು ಏರ್?

34. ಚೆನ್ನು ನಲಿಕೆದ ಆಶಯೊ ದಾದ?

35. ತುಳುನಾಡ್‌ಡ್ ನಾಟಕ ಕಂಪೆನಿ ಸುರು ಮಲ್ದಿನ ರಡ್ಡ್ ಮಾನ್ಯೆರೆನ ಪುದರ್ ಬರೆಲೆ.

36. ಡಿ.ಕೆ. ಚೌಟೆರೆನ ಕಾವ್ಯನಾಮೊ ದಾದೆ?

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12
Blooms Level	4	4	4	4	4	4	3	3	3	3	3	3
Mapped CO(s)	2	1	1	3	2	2	1	1	2	1	1	2

Q. No.	13	14	15	16	17	18	19	20	21	22	23	24
Blooms Level	4	4	3	3	3	3	2	2	2	2	2	2
Mapped CO(s)	1	1	1	1	1	1	1	1	1	1	2	2

Q. No.	25	26	27	28	29	30	31	32	33	34	35	36
Blooms Level	2	2	1	1	1	1	1	1	1	1	1	1
Mapped CO(s)	2	3	2	1	2	2	3	1	3	1	2	2

(2025 batch onwards)

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ST ALOYSIUS (DEEMED TO BE UNIVERSITY)
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SCHOOL OF LANGUAGES AND CULTURAL STUDIES
(UG Programme)
B.A./B.Com./B.B.A./B.Sc./B.C.A./B.Voc. -Semester II–Degree Examination
April/May - 2026
MALAYALAM

Time: 2½ hrs. **Max Marks: 60**

I. 1 മുതൽ 5 വരെയുള്ള എല്ലാ ചോദ്യങ്ങൾക്കും ഒന്നോ രണ്ടോ വാക്യത്തിൽ ഉത്തരമെഴുതുക **(5x2=10)**

1. "അഗ്നിച്ചിറകുകൾ "ആരുടെ ആത്മകഥയാണ്?
2. മകൻറെ ചോറൂണ് കവിയും ഭാര്യയും ചേർന്ന് നടത്തിയത് എവിടെ വെച്ച്?
3. മൃഗങ്ങൾ മൃഗശിക്ഷകനെ ഭയപ്പെട്ടത് എന്തുകൊണ്ട്?
4. വിമല കാത്തിരിക്കുന്നത് ആരെയാണ്?
5. "മതിലുകളിലെ" പ്രധാന കഥാപാത്രങ്ങൾ ആരൊക്കെ?

II. സന്ദർഭവും സാരസ്യവും വ്യക്തമാക്കുക (ഏതെങ്കിലും രണ്ടെണ്ണത്തിന്) **(2x4=8)**

6. നിന്നിലെ നിത്യകൗമാരയാം മറ്റൊരു
   നിന്നെയാണന്ന് ഞാൻ കണ്ടത് മത്സഖി
7. ഇതെത്ര കാലമായി പറിച്ചു ഞാൻ പക്ഷേ
   ഇടയ്ക്കൻ തൃഷ്ണകൾ കൂതറി ചാടുന്നു
8. ഇടയ്ക്കൊക്കെ ഒന്ന് ചിരിക്കണം, അല്ലെങ്കിൽ ആ മഹാസിദ്ധി മറന്നുപോകും.
9. സത്യവതിക്കു നിൻറെ പ്രായമാണ്. അതുകൊണ്ട് നീ അവൾക്കുള്ള ശീല തിരഞ്ഞെടുക്കണം.

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III. ഒന്നരപ്പുറത്തിൽ കുറയാതെ ഉത്തരം എഴുതുക (ഏതെങ്കിലും മൂന്നെണ്ണത്തിന്) **(3x8=24)**

10. നാലപ്പാട്ട് തറവാടിനെ കുറിച്ച് മാധവിക്കുട്ടി നൽകുന്ന വിവരണങ്ങൾ എന്തൊക്കെ?
11. *പ്രണയവും വിരഹ വേദനയും ഒരുപോലെ നിറയുന്ന ഒരു ചെറുനോവലാണ് "മഞ്ഞ്"– സമർത്ഥിക്കുക*
12. മൃഗശിക്ഷകൻ എന്ന കവിതയിലൂടെ തെളിഞ്ഞു വരുന്ന മൃഗങ്ങളുടെ വേദനയെ കവയിത്രി അവതരിപ്പിച്ചിരിക്കുന്നത് എങ്ങനെ?
13. അമ്മയും കുഞ്ഞും തമ്മിലുള്ള ആത്മബന്ധം ചോറൂണ് എന്ന കവിതയിൽ എങ്ങനെ ചിത്രീകരിച്ചിരിക്കുന്നു?

Contd...2

IV രണ്ടു പുറത്തിൽ കുറയാതെ ഉത്തരം എഴുതുക (ഏതെങ്കിലും ഒന്നിന്) **(1x8=8)**

14. ആത്മബന്ധത്തിനും സങ്കൽപ്പങ്ങൾക്കും ഒരുപോലെ പ്രാധാന്യം നൽകുന്ന ഒരു സിനിമയാണ് അടൂരിന്റെ മതിലുകൾ– വിലയിരുത്തുക.
15. കഥാപാത്രനിരൂപണം നടത്തുക. ബഷീർ, നാരായണി.

V രണ്ടു പുറത്തിൽ കുറയാതെ ഉത്തരം എഴുതുക (ഏതെങ്കിലും ഒരെണ്ണത്തിന്) **(1x10=10)**

16. സാങ്കേതികവിദ്യ മനുഷ്യജീവിതത്തെ എങ്ങിനെ സ്വാധീനിക്കുന്നു?
17. 'വായനയുടെ പ്രാധാന്യ'ത്തെ കുറിച്ച് ഒരു ഉപന്യാസം തയ്യാറാക്കുക
18. നല്ലൊരു സമൂഹത്തെ കെട്ടിപ്പടുത്തുന്നതിൽ വിദ്യാഭ്യാസത്തിനുള്ള പങ്ക് വ്യക്തമാക്കുക.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Blooms Level	1	2	2	1	2	4	4	3	4	2	5	4	2	5	4	6	6	6
Mapped CO(s)	6	1	1	2	4	1	1	2	3	3	2	1	1	4	4	3	3	3

(2025 batch onwards)

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ST ALOYSIUS (DEEMED TO BE UNIVERSITY)
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SCHOOL OF LANGUAGES AND CULTURAL STUDIES
(UG Programme)
B.A./B.Com./B.B.A./B.Sc./B.C.A./B.Voc -Semester II–Degree Examination
April/May - 2026
FRENCH

Time: 2½ hrs. **Max Marks: 60**

I. Conjuguez les verbes au temps indiqés. **(10x1=10)**

1. Demain, je _____ le bus pour aller à l'université. *(prendre- futur simple)*
2. Nous _____ un examen la semaine prochaine. *(avoir- futur simple)*
3. Tu _____ très content après les vacances. *(être- futur simple)*
4. Ils _____ au marché demain matin. *(aller- futur simple)*
5. Vous _____ le sapin ce soir. *(décorer – au futur proche)*
6. Tu _____ les couleurs. *(choisir – futur proche)*
7. Marie _____ un e-mail à son frère. *(écrire – futur proche)*
8. J'_____ un film hier. (*voir – passé récent*)
9. Tu _____ à la maison. *(arriver - passé récent*)
10. Les étudiants_____ pour l'école. *(partir - passé récent)*

II. Mettez les verbes au passé composé **(5x1=5)**

11. Vous _____ la réponse correcte. *(dire)*
12. J' _____ un bruit. *(entendre)*
13. Ils_____ un excellent travail cette annee. *(faire)*
14. Tu _____ du poulet ? *(vouloir*)
15. Nous _____ dans cette maison quand j'étais enfant. *(habiter)*

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III. Faites selon la consigne **(5x1=5)**

16. Une robe _____ (bleu) - *Accorde l'adjectif*
17. Shina est _____ (timimde)- *Accorde l'adjectif*
18. Elle travaille le dimanche *(négation)*
19. Il mange des fruits *(négation*)
20. _____ maison est belle. (le, la, les)

IV. Complétez avec l'article partitive(du, de la ,des...) **(5x1=5)**

21. Je mange _____ fruits tous les jours.
22. Nous achetons _____ légumes au marché.
23. Ils mangent _____ riz au déjeuner.
24. Ils veulent _____ eau fraîche.
25. Elle ajoute _____sel dans la soupe.

Contd...2

V. Traduisez les phrases suivantes. **(5x1=5)**

26. Les pyramides sont extraordinaires.
27. Il a expliqué la leçon.
28. Vous parlez cinq langues.
29. This is the ideal place to practice sports.
30. I go to the university.

VI. Répondez aux questions **(4x5=20)**

31. Enumérez et discutez le mode français.
32. Expliquez le système éducatif et l'enseignment en France .
33. Expliquez la presse et les médias Français.
34. Présentez - vous et votre famille.

VII. Dialoguez sur le sujet suivants **(1x5=5)**

35. C'est le premier jour à l'université, deux filles parlent entre elles.

VIII. Lisez le texte et répondez aux questions: **(1x5=5)**

36. Chaque matin, à huit heures, Mme Vincent sert le petit-déjeuner à son mari et à ses enfants. Elle boit du thé. M. Vincent et les enfants boivent du café au lait. Et tous mangent du pain avec du beurre ou tartiné de marmelade, des œufs et du jambon. Ce matin, le 2 juillet, les Vincent ont pris leur petit-déjeuner dans la salle à manger, puis M. Vincent est sorti à 8 h 30 et n'est pas rentré à midi. Sa femme et ses enfants ont déjeuné ensemble. Ils ont mangé de la viande et des legumes, Au dessert Mme Vincent a servi des fruits et des gâteaux. Tous les trois ont bu de la bière ; les Vincent ne boivent pas de vin, sauf les jours féte. Puis Pierre et sa mère ont pris du café avec du sucre. Il est maintenant sept heures du soir. Mme Vincent a mis la table et prépare le dîner. A huit heures, M. Vincent n'est pas là. Les enfants ont faim. Mme Vincent sert le potage, puis un poisson... Elle regarde l'horloge : « Votre père est en retard. Pourquoi ? »

a) A quelle heure la famille prend leur petit déjeuner? Où?
b) Que mange-ils pour le petit déjeuner?
c) Que boivent les enfants ?
d) Qu'est-ce que Mme Vincent et ses enfants ont mangé au déjeuner?
e) Que dit Mme Vincent ?

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12
Blooms Level	3	3	3	3	1	1	1	1	1	1	1	1
Mapped CO(s)	3	3	3	3	3	3	3	3	3	3	3	3

Q. No.	13	14	15	16	17	18	19	20	21	22	23	24
Blooms Level	3	3	1	4	4	6	6	1	3	3	3	3
Mapped CO(s)	3	3	3	3	3	3	3	3	5	5	5	5

Q. No.	25	26	27	28	29	30	31	32	33	34	35	36
Blooms Level	3	6	6	6	6	6	2	2	2	2	1	5
Mapped CO(s)	5	4	4	4	4	4	4	4	4	4	2	1

(2024 batch onwards)

LC7IUAE174/VS8AUAE174f Reg. No: | | | | | | | | |

St Aloysius (Deemed to be University)
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School of Languages and Cultural Studies
(UG Programme)
B.A./B.Sc./B.Com/B.B.A./B.C.A./B.Voc. Semester II - Degree Examination
April/May - 2026
KONKANI

Time: 2½ Hours **Max. Marks: 60**

I ಖಂಚಾಯ್ ಎಕಾ ಕವನಾಚೊ ಸಾರಾಂಶ್ ಬರಯಾ. **(1×5=5)**

Khanchai eka kavanacho saransh boroya

खन्चय एक कवनचो सरन्श बोरोय

1) ಮುಯೊಂ ಯೆತಾತ್ Muyo yetat मुयो येतत
ಮುಯೊ ವೆತಾತ್ Muyo vetat मुयो वेतत
ಮಧಿಂಚ್ ಹಾಸ್ತಾತ್ Madhinch hastat मदिन्च हस्तत
ಮಧಿಂಚ್ ಥಾಮೂನ್ ಎಕಾಮೆಕಾಚೊ Madhinch thamoon मदिन्च थमुन
ಉಮೊ ಘೆತಾತ್. Yekamekacho येकमेकचो
Umo ghetat उमो घेतत

2) ದೊನಾಯ್ಚ್ಯಾ ಸಂಪವ್ನೆ ವೆಳಿ Donaycha sampavnne velli दोनयंच संपव्णें वेळि
ವನ್ಸ್ ಮೋರ್ ಮ್ಹಳ್ಳೆ ತರ್ One's more mulle tar वन्स मोर मुळें तर
ಗೀತ್ ಮಾತ್ರ್ ಪರತ್ ಗಾವ್ಯೆತ್ Geet matr parat gavyet गित मत्र परत ग्व्येत
ಜಿವಿತ್ ಪರತ್ ಜಿಯೆಂವ್ಕ್ ಜ಼ಾಯ್ನಾ. Jivit parat jiyevnk zayna. जिवित परत जियेंवक ज़यन

II ಎಕಾ ವಾಕ್ಯನ್ ಜಾಪ್ ಬರಯಾ. **Eka vakyan zap boroya** एक वक्यन ज़प बोरोय **(5×1=5)**

3) ಚಾ.ಫ್ರಾ. ದ'ಕೋಸ್ತ್ಚೆ ಪೂರ್ಣ್ ನಾಂವ್ ಕಿತೆಂ?

Cha. Fra. D'costache poornn nanv kitem?
च.फ्र.दिकोस्ट चे पूर्ण नंव कितें?

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4) ಕೊಂಕಣ್ ಕೊಗುಳ್ ಮ್ಹಣ್ ಕೊಣಾಕ್ ಆಪ್ಯೆತಾತ್?

Konkann kogull munn konnak apaitat?
कोंकण कोगुळ मुण कोणक अपयतत?

5) ಉಂದಿರ್ ಆನಿಂ ಖತಾಂ ಖಂಯ್ಚ್ಯಾ ಘಡಿತಾ ವಯ್ರ್ ವಿಣ್ಲಾಂ?

undir anim khatam khanycha ghadita voyr vinnlam?
उंदिर अनिं ख्तं खंय्च्य घडित वोय्र विण्लं?

6) ದರ್ಯಾ ಗಜ಼ೊತಾ ಪುಸ್ತಕಚೊ ಲೇಖಕ್ ಕೋಣ್?

Darya gazota pustakacho lekak konn?
दर्य गज़ोत पुस्तकचो लेकक कोण?

7) ಮಾಧವ ಬೋರ್ಕರಾಚಿ ಖಂಚಿಯ್ ಎಕ್ ಕವಿತಾ ಉಲ್ಲೇಖ್ ಕರಾ

Madhav Borkarachi khanchiy ek kavita ul'lek kara
मदव बोर्करचि खंचिय एक कवित उल्लेक कर

Contd...2

III ಖಂಚಾಯ್ ಎಕಾ ಸವಲಾಕ್ ಜಾಪ್ ಬರಯಾ. **(1×5=5)**

Khanchai eka savalak zap boroya.

खन्चय एक सवलक ज़प बोरोय

8) ಕವಿ ಘಾಂಟಿ ಮುಖಾಂತ್ರ್ ಸಾಮಾಜಿಕ್ ಚಿತ್ರಣ್ ಕಶೆ ಆನಾವರಣ್ ಕರ್ತಾ ವಿವರ್ಸಿಯಾ.

Ghanti mukhantr kavi samajik chitrann kaxe anavarann karta vivarsia

घंटि मुखंत्र कवि समजिक चित्रण कशे अनवरण कर्त विवर्सिय.

9) ರಾಗ್ ವೊಚೊನ್ ಮೋಗ್ ಜಾಲ್ಲಿ ಘಡಿ ಬಡ್ಡ್ ಕೊಯ್ತಿ ಕವನಾಂತ್ ಕಶೆಂ ಪಿಂತ್ರಾಯ್ಲ್ಯಾ?

Rag vochon mog zal'li ghadi badd'dd koyti kavanant kaxe pintrailya

रग वोचोन मोग ज़ल्लि घडि बड्ड कोयि कवनन्त कशें पिंत्र्यल

IV ಸವಲಾಂಕ್ ಜಾಪ್ ಬರಯಾ: **savalank zap boroya** सवलन्क ज़प बोरोय **(5×1=5)**

10. 'ಕೊನ್' ಪದಚೊ ಅರ್ಥ್ ಕಿತೆಂ?

'kon' padacho arth kitem?

'कोन' पदचो अर्थ कितें?

11. 'ಕೊಂಗ್ –ಕೊನಾ–ಫುಲೊ' ಮ್ಹಣ್ ಕೊಣೆಂ ಆಪಯ್ಲೆಂ?

'kong –kona –phulo' mhann konnem apoil'lem?

'कोंग– कोन–फुलो' मुण कोणें अपोइलें

12. ಕಲ್ಲಣಾಚ್ಯಾ ರಾಜಾ ತರಂಗಿಣಿಂತ್ ಕೊಣಾಚೊ ಉಲ್ಲೇಖ್ ಆಸಾ?

Kal'lannachya raja taranginnint konnacho ul'lek asa?

कल्लण्च्य रज तरनंगिनिंत कोणचो उल्लेंक अस?

13. ಖಂಯ್ಚ್ಯ ತಡಿರ್ ಕೊಂಕ್ಣಿ ಸಂಸ್ಕೃತಿ ಉದೆಲಿ?

Khanycha tadir konknni sanskriti udeli?

खंय्च तडिर कोंकणि संस्क्रति उदेलि?

14. ಪ್ರಕ್ರತಿಚೆ ಆರಾಧಕ್ ಕೋಣ್ ಜಾವ್ನಾಸಾತ್?

Prakrtiche aradhak konn zavnasat?

प्रक्रतिचे अरदक़ कोण ज़ल्न असत

V ಖಂಚಾಯ್ ಎಕಾ ಪಾತ್ರಾಚಿ ಪರಿಚಯ್ ದಿಯಾ **khanchay eka patrachi parichay diya**

खन्चय एक पत्राचि परिचय दिय **(5)**

15. Sapta konkanna सप्त कोंकण ಸಪ್ತ ಕೊಂಕಣ

16. Siddi janaga सिद्दि जनंग ಸಿದ್ದಿ ಜನಾಂಗ್

VI ಖಂಚಾಯ್ ಎಕಾ ಸವಾಲಾಕ್ ಜಾಪ್ ಬರಯಾ. **Khanchai eka savalak zap boroya.**

खन्चय एक सवलक ज़प बोरोय **(1×5=5)**

17. ಸಿದ್ದಿ ಜನಾಂಗ ವಿಶಿಂ ಮಾಹೆತ್ ದಿಯಾ

Sid'di jananga vixi mahet diya

सिद्दि ज़नंग विशि महेत दिय

18. ಕೊಂಕಣಿ ಪದ ನಿಶ್ಪತ್ತಿ ಕಳಯಾ.

Konkanni pada nixpat'ti kallay.

कोंकणि पद निश्पत्ति कळय.

Contd...3

VII ಎಕಾ ವಾಕ್ಯಾನ್ ಜಾಪ್ ಬರಯಾ. **eka vakyan zap boroya** एक वक्यन ज़प बोरोय **(5×1=5)**

19. ಶೆಣ್ಯೈ ಗೊಂಯ್ ಬಾಬಚೆ ಪೂರ್ಣ್ ನಾಂವ್ ಕಿತೆಂ?

Shennai Goy babache purnn nanv kitem?

शेणै गोय बबचे पूर्ण नंव कितें?

20. ಬಾಪ್ ಮಾಫೇಯಿಚೆ ಪೂರ್ಣ್ ನಾಂವ್ ಕಿತೆಂ?

Bap Maffeiche purnn nanv kitem?

बप. मफ़ेय्चे पूर्ण नंव कितें?

21. ಬಾಪ್ ಮಾಫೇಯಿಚ್ಯಾ ವ್ಯಾಕರಣ್ ಪುಸ್ತಕಾಚೆ ನಾಂವ್ ಕಿತೆಂ?

Bap Maffeichya vyakarann pustakache nanv kitem?

बप. मफ़ेय्च्य व्यकरण पुस्तकचे नंव कितें?

22. ಶೆಣ್ಯೈ ಗೊಂಯ್ ಬಾಬಚೆ ಜಲ್'ಮ್ ಕೆನ್ನಾ ಜಾಲೆಂ?

Shennai Goy babache zal'm kenna zalem?

शेणै गोय बबचे ज़ल्म केन्न ज़लें?

23. ಬಾಪ್ ಮಾಫೇಯಿಚೊ ಜಲ್'ಮ್ ಖಿಂಯ್ಸರ್ ಆನಿಂ ಕೆನ್ನಾ?

Bap Maffeicho zal'm khaisar anim kenna?

बप मफ़ेय्चो ज़ल्म खंसर अनि केन्न?

VIII ಸವಲಾಂಕ್ ಜಾಪ್ ಬರಯಾ **savalank zapi boroya** सवलक ज़प बोरोय **(2×5=10)**

24. ಬಾ. ಆಂಜೆಲೊ ಮಾಫೇಯಿಚೆ ಬಾಳ್ಪಣ್ ಕಳಯಾ.

ba.Angelo Maffeiche ballponn kallaya

ब.अंजेलो मफ़ेय्चे बळपण कळय.

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25. ಶೆಣ್ಯೈ ಗೊಂಯ್ ಬಾಬಚ್ಯಾ ಬಾಳ್ಪಣಾ ವಿಶಿಂ ಕಳಯಾ

Shennai Goy babachya ballponna vixi kallaya

शेणै गोय बबचय बळपण विशि कळय

IX ಎಕಾ ವಾಕ್ಯಾನ್ ಜಾಪ್ ಬರಯಾ. **Yeka vakyan zap boroy** एक वक्यन ज़प बोरोय **(5×1=5)**

26. ಭಾಶಾಂತರ್ / ಅಣ್ಕಾರ್ ಮ್ಹಳ್ಯಾರ್ ಕಿತೆಂ?

Bhaxantar / annkar mullyar kitem?

बशंतर / अण्कर मुळ्यर कितें?

27. ಖಂಚಿಯ್ ಎಕ್ ಹುಮಿಣ್ ಸೊಡಯಾ

Khanchiy ek huminn soddaya

खंचिय एक हुमिण सोडय

28. ವೊವಿಯೊ ಕೆನ್ನಾ ಗಾಂವ್ಚ್ಯೊ?

Voviyo kenna ganvchyo?

वोवियो केन्न गंव्च्यो?

29. I will go to Mumbai tomorrow ಕೊಂಕ್ಣೆಕ್ ಅನುವಾದ್ ಕರಾ / konknnek anuvad kara/

कोंकणेंक अनुवद कर

Contd...4

30. ಅಮ್ಸೊರ್ ಸಬ್ದ್ ಕನ್ನಡಕ್ ಅನುವಾದ್ ಕರಾ

Amsor sab'd kannadak anuvad kara

अमसोर सब्द कन्नडक अनुवद कर

X ಸವಲಾಂಕ್ ಜಾಪಿ ಬರಯಾ. **savalank zapi boroya** सावलन्क जापि बोरोया **(2×5=10)**

31. ಮಾಂಯ್ ಮುದಿ ಶಿಂವ್ತಾನಾ ಗಾಂವ್ಚೊ ವೇರ್ಸ್ ಬರಯಾ

Mai mudi xinv'tna ganvcho verse boroya

मंय मुदि शिव्तन गंव्चो वेर्स बोरोय

32. ಲೈಟ್ ಹೌಸ್ ರಸ್ತ್ಯಾಚಿ ದುರ್ದಶಾ ಕಳವ್ನ್ ಖಂಚಾಯ್ ಎಕಾ ಪತ್ರಚ್ಯಾ ಸಂಪಾದಕಕ್ ಪತ್ರ್ ಬರಯಾ

Light house rast'tychi durdaxa kallavn khanchay eka patrachya sampadakak patr boroya

लय्ट औस रस्त्यचि दुर्दश कळव्न खंच्य एक पत्रच संपदकक पत्र बोरोय

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

	I		II					III		IV					V	
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Blooms Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mapped CO(s)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

	VI		VII					VIII		IX					X	
Q. No.	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Blooms Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mapped CO(s)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

(2024 Batch Onwards)

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School of Life Sciences (UG Programme)

B.Sc. (Botany) Semester II – Degree Examination

April/May - 2026

DIVERSITY OF NON-FLOWERING PLANTS

Time: $2^1/_2$ Hours **Max Marks: 60**

SECTION – A

Define/Answer any FIVE of the following. **(5x2=10)**

1. What is crown or corona?
2. Hypnospores help in perennation. Justify.
3. What are Bryophytes? Which life cycle stage is dominant in bryophytes?
4. Write the external characteristic features of *Anthoceros* thallus.
5. What is sporocarp?
6. Write any four angiospermic features seen in *Gnetum*.

SECTION - B

Answer any FOUR of the following. **(4x5=20)**

7. Differentiate between scaly leaves and foliage leaves of *Cycas*.
8. Explain the structure of Oogonium in *Oedogonium*.
9. Critically comment on the morphological nature of rhizophore in *Selaginella*.
10. Give an account on Ecological and economical importance of Pteridophytes.
11. Explain the internal structure of *Riccia* thallus.

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SECTION – C

Answer any THREE of the following. **(3x10=30)**

12. With a neat labelled diagram, explain the morphology of *Funaria* gametophyte.
13. Describe the anatomy of *Pteris* sporophyll passing through sorus.
14. Describe the morphology of *Pinus* sporophyte.
15. Explain the following in *Sargassum*
    a) receptacles b) conceptacles c) leaves d) airbladders e) cryptostomata

****

Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A						B					C			
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Blooms Level	1	4	2	1	1	4	4	2	5	3	1	1	2	1	2
Mapped CO(s)	1	1	2	2	3	4	4	1	3	3	2	2	3	4	1

(2025 Batch Onwards)

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School of Life Sciences (UG Programme)

B.Sc. (Zoology) Semester II – Degree Examination

April/May-2026

Biochemistry and Physiology

Time: $2^1/_2$ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. Mention any four biological importance of carbohydrates.
2. Briefly explain the basic concept of the lock-and-key model of enzyme activity.
3. Name any four substrates of gluconeogenesis.
4. Differentiate between Breathing and Respiration.
5. Draw a neat labelled diagram of smooth muscle fiber.
6. Justify the statement "Hypothalamus is the master of the master gland".

SECTION – B

Answer any FOUR of the following. **(4x5=20)**

7. Describe the role of lipids in a biological system.
8. Write a short note on mechanism of hormone action.
9. Discuss the process of digestion of carbohydrates in humans.
10. Explain neuro-muscular junction.
11. Illustrate the process of Bio synthesis of palmitic acid.

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SECTION – C

Answer any THREE of the following. **(3x10=30)**

12. Discuss the different mechanisms of enzyme regulation with suitable examples for each.
13. Explain the steps of Glycolysis. Give its significance.
14. Describe the process of formation of urine in nephron.
15. With a neat labelled diagram describe the structure of a multipolar myelinated neuron. Add a note on Saltatory Conduction.

****

Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A						B					C			
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Blooms Level	1	2	2	4	3	5	2	2	2	2	2	4	3	2	3
Mapped CO(s)	1	1	2	2	4	4	1	1	2	4	2	1	2	4	4

(2024 Batch Onwards)

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School of Life Sciences (UG Programme)

B.Sc. (Biotechnology) Semester II – Degree Examination

April/May - 2026

MICROBIOLOGICAL METHODS AND TECHNIQUES

Time: $2^1/_2$ Hours **Max Marks: 60**

SECTION – A

Define/Answer any FIVE of the following. (5x2=10)

1. Microscope identifies two objects as distinct and clear. Give reason.
2. Name the types of moist heat sterilization techniques.
3. Define non ionizing radiations. Give an example.
4. What are cryoprotectants? Give examples.
5. Write any two differences between Pasteurization and Tyndallization.
6. Assess the advantages of using freeze drying for long-term storage of microbial cultures.

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SECTION - B

Answer any FOUR of the following. (4x5=20)

7. Differentiate between light and electron microscope.
8. Discuss the role of sterilizing gases as disinfecting agent.
9. Suggest a protocol for the detection of *Mycobacterium tuberculosis*.
10. Explain the mechanism of action of Amphotericin B.
11. Outline the mechanism of action of Azidothymidine (AZT).

SECTION – C

Answer any THREE of the following. (3x10=30)

12. Describe the working of Phase contrast microscope.
13. Write short notes on a) Microbicidal agents b) Microbistatic agents.
14. Explain the procedure and applications of the pour plate method in microbiology.
15. Describe the role of β- lactum antibiotics and inhibitors of protein synthesis.

****

Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A						B					C			
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Blooms Level	5	2	2	2	4	5	4	5	6	2	2	2	4	2	6
Mapped CO(s)	1	2	2	3	2	4	1	2	3	4	4	1	2	3	4

(2025 Batch Onwards)

LS2DUDC153 Reg. No.: | | | | | | | | |

St Aloysius (Deemed to be University)

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School of Life Sciences (UG Programme)

B.Sc. (Microbiology) Semester II – Degree Examination

April/May - 2026

MICROBIAL BIOCHEMISTRY AND PHYSIOLOGY

Time: $2^1/_2$ Hours **Max Marks: 60**

SECTION – A

Define/Answer any FIVE of the following. **(5x2=10)**

1. What are the two components typically found in a buffer solution?
2. What is electrolyte balance? List the major electrolytes in the plasma.
3. Give two examples for glycosides.
4. Define free energy.
5. Group translocation.
6. What are Barosensitive organisms? Give one example.

SECTION - B

Answer any FOUR of the following. **(4x5=20)**

7. Discuss enzymes of the TCA cycle and the various product yields in it.
8. Elaborate on active transport.
9. Analyze the major elements of life.
10. List the applications of PAGE.
11. Evaluate the function of cytochromes.

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SECTION – C

Answer any THREE of the following. **(3x10=30)**

12. Define Vitamins. Classify them according to their solubility and write a note on Vitamin A.
13. Elaborate on role of electron transport chain in aerobic respiration.
14. Analyse direct count methods of bacterial enumeration.
15. Appraise the principle, working and applications of UV- Visible spectroscopy.

****

Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Part				A				B				C			
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Blooms Level	2	2	1	2	2	2	4	5	4	3	5	4	5	4	5
Mapped CO(s)	1	1	2	4	3	3	4	3	1	1	2	2	4	3	1

(2025 Batch Onwards)

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School of Life Sciences (UG Programme)

B.Sc. (Biochemistry) Semester II – Degree Examination

April/May -2026

Fundamentals of Biochemistry-II

Time: $2^1/_2$ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. Differentiate between primary & secondary metabolites in plants
2. Name the instrument used to detect functional groups in Phyto chemicals.
3. Define Rf value.
4. Give the principle of Thin layer Chromatography.
5. Give any two applications of ^{60}Co Radioisotope.
6. Give the role of ethidium bromide in agarose gel electrophoresis.

SECTION - B

Answer any FOUR of the following. **(4x5=20)**

7. Write a note on Ion Exchange Chromatography.
8. Discuss on the safety measures in handling radio isotopes.
9. Explain the working principle of fluorimeter and its applications.
10. Give a detailed note UV-Vis spectroscopy.
11. Differentiate between preparative & analytical cetrifugation.

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SECTION – C

Answer any THREE of the following. **(3x10=30)**

12. Explain in detail about HPLC.
13. Explain in detail about SDS PAGE.
14. Discuss the working principle & applications of NMR spectroscopy.
15. Illustrate the role of ammonium sulphate precipitation & dialysis in protein chemistry.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A						B					C			
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Blooms Level	2	1	1	2	3	2	2	1	2	3	4	2	2	1	3
Mapped CO(s)	4	1	2	2	3	3	3	2	1	1	4	2	3	1	4

(2025 Batch Onwards)

LS2FUDC155 Reg. No. : | | | | | | | | |

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School of Life Sciences (UG Programme)

B.Sc. (Food Science) Semester II – Degree Examination

April/May - 2026

FOOD PROCESSING AND PRESERVATION

Time: 2½ Hours **Max. Marks: 60**

SECTION – A

Define/Answer any FIVE of the following. **(5x2=10)**

1. Define food spoilage.
2. What is the significance of fermentation in ancient food processing?
3. How does vacuum blanching differ from traditional blanching?
4. Name two heat preservation methods used in the food industry.
5. What happens if there is inadequate air circulation in the refrigerator?
6. Write on fluidized-bed freezing.

SECTION - B

Answer any FOUR of the following. **(4x5=20)**

7. What is novel non-thermal processing method? Give its importance.
8. List the advantages and limitations of HPP as a non-thermal food preservation technique.
9. Explain the storage defects in a refrigeration system.
10. What is food preservation? Give its importance.
11. Define heat treatment in food preservation and mention the conditions to consider for efficient treatment.

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SECTION – C

Answer any THREE of the following. **(3x10=30)**

12. Discuss in detail the methods of blanching.
13. Explain the function of each component in a refrigeration system.
14. Elaborate on the working principle and process parameters of microwave heating using a suitable diagram.
15. Discuss the evolution of food preservation techniques from ancient times to modern methods.

****

Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Part	A						B					C			
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Blooms Level	1	1	2	1	2	2	2	4	4	3	5	5	4	5	4
Mapped CO(s)	1	1	2	2	3	3	4	4	3	1	2	2	3	4	1

(2025 Batch Onwards)

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School of Physical Sciences (UG Programme)

B.Sc. (Physics) - Semester II – Degree Examination

April/May - 2026

ELECTRICITY AND MAGNETISM

Time: 2 ½ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. Define electric flux and state its unit.
2. What is an irrotational field? Give one example.
3. State the relation between current and current density.
4. State Ohm's law. What is the SI unit of resistance?
5. State Biot-Savart law.
6. A charge q moving with a velocity $\vec{v}$ in a magnetic field $\vec{B}$ experiences a magnetic force $\vec{F}_B$. Write the expression for the force and explain how the direction of the force is determined.
7. State Ampere's law.
8. Explain inductive reactance.

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SECTION - B

Answer any TEN of the following. **(10x5=50)**

9. State and explain Gauss's divergence theorem.
10. Derive the expression for the electric field due to a point charge.
11. Write a note on electric potential due to a continuous charge distribution.
12. Explain an electric quadrupole and derive its potential.
13. A parallel-plate capacitor consists of two square plates, each of side 10 cm, separated by a 1 mm thick dielectric slab of dielectric constant $k = 4$. Calculate the capacitance of the capacitor ($\varepsilon_0 = 8.85 \times 10^{-12}$ F/m).
14. Derive an expression for the energy stored in a capacitor.
15. Derive the expression for the magnitude of magnetic field at a perpendicular distance R from an infinitely long straight wire carrying a steady current I.
16. A proton traveling at 23.0° with respect to the direction of a magnetic field of strength 2.60 mT experiences a magnetic force of 6.50X10 17 N.
    Calculate (a) the proton's speed and (b) its kinetic energy in Joules.
17. Explain Diamagmetism, Paramagnetism and Ferromagnetism. Also explain Ferromagnetic domains.
18. Derive Maxwell's equations for free space in differential form.
19. For a resistance-less LC oscillator circuit, show the analogy with a linear spring-block oscillator and hence show that angular frequency of the circuit's oscillation is $\omega = \frac{1}{\sqrt{LC}}$
20. What are electromagnetic waves? Explain how ratio of speed of light in free space to speed of light in a particular medium gives the refractive index of that medium.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A								B											
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Blooms Level	2	3	2	2	2	4	2	3	2	5	3	2	5	4	5	5	2	3	4	2
Mapped CO(s)	1	1	2	2	3	3	4	4	1	1	2	2	2	2	3	3	3	4	4	4

(2024 Batch Onwards)

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St Aloysius (Deemed to be University)

Mangaluru

School of Physical Sciences (UG Programme)

B.Sc. (Chemistry) Semester II – Degree Examination

April/May - 2026

INORGANIC AND PHYSICAL CHEMISTRY - I

Time: $2^1/_2$ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. Define normalised wave function.
2. Write the 4 quantum numbers for the last electron of carbon.
3. List two examples for crown ethers.
4. What is S, T, Y and X in the term "styx number"?
5. State any two postulates of kinetic molecular theory of gases.
6. Find the ratio of RMS velocity of O_2 and H_2 at 300 K.
7. State the law of constancy of interfacial angles.
8. Give the formula to calculate the interplanar distance in a cubic lattice. Mention the terms.

SECTION - B

Answer any TEN of the following. **(10x5=50)**

9. Elaborate on the factors affecting electron affinity.
10. State and explain Hund's rule of maximum multiplicity and Aufbau's principle.
11. Calculate the effective nuclear charge (Z_eff) experienced by: (i) a 2p electron in an oxygen atom and (ii) a 3d electron in chromium (Z = 24) using Slater's rules.
12. Explain the structure and bonding in diborane.
13. Discuss the types of atomic radius briefly.
14. Explain the structure of beryllium hydride (BeH_2).
15. Explain Andrews' isotherm of CO_2.
16. Write a note on Maxwell's Boltzmann distribution of molecular velocities.
17. How do you determine the viscosity of a liquid using Ostwald's viscometer?
18. Explain the elements of symmetry in a cubic crystal.
19. Explain the three types of rod shaped liquid crystals.
20. Explain the structure of zinc blende.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A								B											
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Blooms Level	1	2	1	2	1	3	1	1	2	2	3	2	2	3	3	2	3	3	2	3
Mapped CO(s)	1	1	2	2	3	3	4	4	1	1	1	2	2	2	3	3	3	4	4	4

(2024 - Batch onwards)

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St Aloysius (Deemed to be University), Mangaluru
School of Physical Sciences (UG Programme)
B.Sc. Semester II - Degree Examination
APRIL/MAY - 2026
Mathematics - II
Algebra-I and Calculus-II

Time : 2½ Hours **Max. Marks : 60**

SECTION - A

Answer any FIVE of the following. **(5x2=10)**

1. Define a zero matrix A of order 3. Find the rank of this matrix.
2. Is the matrix $A = \begin{bmatrix} 1 & -2 & 3 \\ 2 & 1 & 4 \\ -3 & -4 & 1 \end{bmatrix}_{3\times3}$ symmetric or skew-symmetric? If it is neither, justify.
3. Let G be a Group with $a, b, c \in G$. Show that $ab = ac \implies b = c$.
4. Define a commutative and associative binary operation with an example.
5. Find f_x, f_y, if $f(x, y) = 2x^2 - 3y - 4$.
6. Find $\frac{dz}{dt}$ when $z = xy^2 + yx^2, x = at^2, y = 2at$.
7. Using Leibniz's rule, find the derivative of the function: $f(y) = \int_{\sqrt{y}}^{2\sqrt{y}} sin^2 t dt$.
8. Show that $\int_a^b f(x)dx = \int_a^b f(a+b-x)dx$ for $f(x) = \cos x$ where, $0 \le x \le \frac{\pi}{2}$.

SECTION - B

Answer any TEN of the following. **(10x5=50)**

9. Show that the following equations are consistent and find their solution
   $x_1 - x_2 + x_3 = 2$
   $3x_1 - x_2 + 2x_3 = -6$
   $3x_1 + x_2 + x_3 = -18$.

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10. Prove that every square matrix A can be expressed uniquely as the sum of symmetric matrix B and skew symmetric matrix C.
11. Using the characteristic equation of $A = \begin{bmatrix} 1 & 2 & 0 \\ 2 & -1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$, find A^{-1}.
12. Show that a nonempty subset H of group G is a subgroup of $G \iff$ whenever $a, b \in H$ then the product $ab^{-1} \in H$.
13. Show that $(\mathbb{Z}_6, \oplus_6)$ is a cyclic group. Find all the generators.
14. Prove that a group has a unique identity element. Further prove that the inverse of an element in a group is unique.
15. If $f(x, y)$ is a homogeneous function of degree n, then prove that $x^2\frac{d^2z}{dx^2} + 2xy\frac{d^2z}{dxdy} + y^2\frac{d^2z}{dy^2} = n(n-1)z$.
16. Find all the second order partial derivatives of $z = x^2 tan(xy)$.
17. Find the absolute maximum and minimum values of $f(x, y) = 2 + 2x + 4y - x^2 - y^2$ on the triangular region in the first quadrant bounded by the lines, $x = 0, y = 0$ and $y = 9 - x$.
18. If a circle C is parametrized by the equation $x = 3 - 2t$, $y = 6 - 7t$, where $0 \le t \le 1$. Then find $\int_C (y^3 - x^2)ds$.
19. Evaluate $\int_0^1 \int_0^z \int_0^{1-z} dydxdz$.
20. Find the area enclosed by lemniscate $r^2 = 4\cos 2\theta$.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

	A								B											
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Blooms Level	3	3	2	3	3	3	3	3	3	3	3	3	4	3	4	3	4	3	3	4
Mapped CO(s)	1	1	2	2	3	3	4	4	1	1	1	2	2	2	3	3	3	4	4	4

(2024 Batch Onwards)

PS1DUDC153 Reg. No.: | | | | | | | | |

St Aloysius (Deemed to be University)

Mangaluru

School of Physical Sciences (UG Programme)

B.Sc. (Statistics) Semester II – Degree Examination

April/May - 2026

PROBABILITY AND DISCRETE DISTRIBUTIONS

Time: $2^1/_2$ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. Define simple and compound event with example.
2. Define discrete random variable.
3. Define raw moments.
4. Define conditional distribution in continuous case.
5. Define Geometric distribution.
6. Prove that sum of the probabilities of Bernoulli distribution is 1.
7. What is the purpose of using cor() and lm()?
8. Mention the purpose of rowSums() and colSums() functions.

SECTION - B

Answer any TEN of the following. **(10x5=50)**

9. Prove that conditional probability satisfies the axioms of probability.
10. If the event A and B are independent then prove that i) The events A and B' are also independent. ii) The events A' and B are also independent. iii) The events A' and B' are also independent.
11. Prove that for n events $A_1, A_2, \ldots A_n$, $P\left(\cup_{i=1}^{n} A_i\right) \leq \sum_{i=1}^{n} P(A_i)$
12. For any two events A and B prove that $P(A \cap B) \leq P(A) \leq P(AUB) \leq P(A) + P(B)$.
13. State and prove addition theorem of expectation.
14. For two random variables X and Y, find i) V(X+Y) ii) V(aX+bY)
15. Derive the expression for mean and variance of Bernoulli distribution.
16. State and prove the additive property of Binomial distribution.
17. Derive mean and variance of Geometric distribution.
18. Define Poisson distribution and Derive MGF of Poisson distribution.
19. Mention any 5 applications of R.
20. Explain the concept of matrix using R with example.

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Mapping of Questions with Bloom's Level and Course Outcomes (COs)

Section	A								B											
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Blooms Level	1	1	1	1	1	4	2	1	4	3	4	3	3	3	4	4	4	4	2	2
Mapped CO(s)	1	2	2	2	3	3	4	4	1	1	1	1	2	2	3	3	3	3	4	4

(2024 Batch Onwards)

PS1EUDC154 Reg. No.: | | | | | | | | |

St Aloysius (Deemed to be University)

Mangaluru

School of Physical Sciences (UG Programme)

B.Sc. (ELECTRONICS) - Semester II– Degree Examination

April/May - 2026

ELECTRONICS - II

ANALOG AND DIGITAL CIRCUITS

Time: 2 ½ Hours **Max Marks: 60**

SECTION – A

Answer any FIVE of the following. **(5x2=10)**

1. Mention the Functions of a biasing circuit.
2. Define A_{CM}, A_d and CMRR of an operational amplifier.
3. Write any four characteristics of ideal operational amplifier.
4. List any four advantages of negative feedback in amplifiers.
5. Define a) Combinational circuit and b) Sequential circuit.
6. Define (i) Fan in and (ii) Fan out in a Logic family.
7. What do you mean by Encoder? Draw the block diagram of Decimal to Binary Encoder.
8. Draw the circuit diagram of D lip flop using NAND gates.

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SECTION - B

Answer any TEN of the following. **(10x5=50)**

9. Design a 3-bit even parity bit generator using combinational Circuit design procedure.
10. With a circuit diagram using NAND gates explain RS flip flop. Hence Draw the timing diagram.
11. Realize the f Boolean expression F (A, B, C) = Σ (2,3,5,6) using 4x1 MUX and hence draw the block diagram.
12. Design an 8421 code to excess-3 code converter circuit using combinational circuit design procedure.
13. Using the combinational circuit design procedure, design a 2 bit Magnitude comparator.
14. With a neat circuit diagram explain the working of TTL - NAND gate (Totem pole).
15. Draw the circuit diagram of a fixed bias and obtain the expression for its dc load-line.
16. Obtain ac equivalent circuit of a CE amplifier and derive the expressions for its voltage gain and power gain.
17. With the help of a block diagram obtain the expression for the gain of an amplifier using negative feedback.

Contd...2

18. With necessary circuit diagram explain the working of inverting and non-inverting amplifiers using op-amp in open loop configuration.
19. A basic amplifier with open loop gain of 1000 employs negative feedback of 0.1. Calculate the gain of the amplifier with feedback and the return difference.
20. Input voltages of 100 μV and 200 μV are applied to a differential amplifier using an op-amp. The output voltage is 2 V. When a common-mode input of 0.2 V is applied, the output voltage is 0.1 V. Calculate the CMRR and express it in decibels.

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Blooms Level	1	2	1	3	2	2	4	3	5	4	4	5	4	2	3	4	2	2	4	4
Mapped CO(s)	1	1	2	2	3	3	4	5	1	1	2	2	3	3	4	4	5	5	3	4