

GOA VIDYAPRASARAK MANDAL'S
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS
FARMAGUDI, PONDA- GOA
B.C.A. UGC-CCFUP (SEMESTER-III) INTRA SEMESTER ASSESSMENT (ISA) I, AUGUST 2025
COM 233- BUSINESS ETHICS AND GOVERNANCE

Duration- 30 mins

Marks- 7.5

Q.1. From the following statements identify which departmental ethics are violated:

(2.5) BL3 CO1

1. Ramesh gets faulty raw materials from a store for his personal gain.

- a) Human Resource Department
- b) Marketing Department
- c) Finance Department
- d) Production Department

2. Mr. Kamlesh was showing inflated salaries and getting receipts from employees for a larger amount than what they actually get.

- a) Production Department
- b) Human resource Department
- c) Finance Department
- d) Research and Development Department

3. When a manager manipulates the important facts after survey to get the desired result:

- a) Marketing Department
- b) Human resource Department
- c) Finance Department
- d) Research and Development Department

4. When the manager extends the training to allow employees to rest despite knowing that the work will be delayed:

- a) Human Resource Department
- b) Marketing Department
- c) Production Department
- d) Finance Department

5. When you use someone's book as your own without giving proper credit:

- a) Foreign Ethics
- b) Free market Ethics
- c) Perfect Competitive market Ethics
- d) Copyright Ethics

Q.2. Answer the following questions:

(5)

1. What is Green washing?

BL1 CO1

2. Why is Foreign ethics important?

BL1 CO1

3. What is Predatory pricing?

BL1 CO1

4. Explain any one type of ethics

BL2 CO1

5. State any two ethical practices.

BL1 CO1

Goa Vidyaprasarak Mandal's

**GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS PONDA – GOA
B.C.A. UGC-CCFUP (SEMESTER-III) INTRA SEMESTER ASSESSMENT (ISA - I), AUGUST 2025
DATA STRUCTURES (CSA-200)**

DURATION – 30 minutes

Marks: 7.5

-
- | | |
|---|------------------------|
| 1. In a flowchart, the parallelogram represents: | (0.5 Marks)(BL1)(CO1) |
| a. a) Process | |
| b. b) Decision | |
| c. c) Input/Output | |
| d. d) Connector | |
| 2. Time complexity of nested loops for(i=0;i<n;i++) for(j=0;j<n;j++) is: | (0.5 Marks)(BL1)(CO1) |
| a. a) O(n) | |
| b. b) O(n ²) | |
| c. c) O(log n) | |
| d. d) O(1) | |
| 3. Which of the following is a valid declaration of a 1D array in C? | (0.5 Marks)(BL 1)(CO1) |
| a. int arr[]; | |
| b. array int[10]; | |
| c. int arr[10]; | |
| d. int arr(10); | |
| 4. What is an ADT? What is its significance in data structures? | (1 Marks)(BL1)(CO1) |
| 5. List and briefly describe linear and non-linear data structures. | (2Marks) (BL2)(CO2) |
| 6. Write the algorithm to insert an element at the beginning of an array. | (2 Marks) (BL1)(CO2) |
| 7. Consider the linear array A[20:30], if an array starts at address 2000, and each element is 4 bytes, what is the address of the 5th element? | (1 Marks) (BL1)(CO2) |
-

Goa Vidyaprasarak Mandal's
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS
FARMAGUDI-PONDA
B.C.A. UGC-CCFUP (SEMESTER -III) Intra Semester Assessment(ISA-I), August 2025
Database Management Systems(CSA-201)

Duration :30 mins

Max marks: 7.5

- Q.1.A** Fill in the blanks:
- i.** The _____ level in the three-schema architecture deals with the physical storage of data. **(2) [BL1][CO1]**
 - ii.** In a database table, columns are referred to as _____ and rows are called _____.
- Q.1.B.** Write an SQL query to add a new student with **ID** 03, **Name** 'Ravish, and **Age** 21 into the **Student** table. **(1) [BL2][CO1]**
- Q.2** Differentiate between Network data model and Relational data model. **(2) [BL4][CO2]**
- Q.3** Sketch an ER-Diagram with following specifications: **(2.5) [BL3][CO2]**
- a. Customer Entity
 - b. Order Entity
 - c. Show relation between Customer and Order by specifying the cardinality of their relationship.

***** ALL THE BEST *****

**Goa Vidyaprasarak Mandal's
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS
FARMAGUDI, PONDA –GOA**

**B.C.A. UGC-CCFUP (SEMESTER-III) Intra Semester Assessment (ISA-I)- Test AUGUST 2025
HINDI (SAMPRESHAN KAUSHAL – HIN 251)**

Time: 30 Minutes

Marks: 05

प्रश्न 1) निम्नलिखित किन्हीं दो प्रश्नों के उत्तर लिखिए। **(2¹/₂ × 2 = 5)**

i. हमारे जीवन में संप्रेषण का क्या महत्व है? **(C01, BL1)**

ii. मौखिक संप्रेषण को स्पष्ट कीजिए। **(C01, BL1)**

iii. लिखित संप्रेषण के लिए किन बातों का ध्यान रखने की आवश्यकता है? **(C01, BL1)**

**Goa Vidyaprasarak Mandal's
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS
FARMAGUDI, PONDA-GOA**

**B.C.A. UGC-CCFUP (SEMESTER-III) INTRA SEMESTER ASSESSMENT (ISA-I) AUGUST 2025
MULTIMEDIA APPLICATIONS (CSA-241)-THEORY**

Duration: 15 Minutes

Marks: 05

Q1. Define multimedia. (1) (BL1,C01)

Q2. Differentiate between vector graphics and raster graphics. Give two examples where each type is commonly used. (2) (BL2,CO1)

Q3 Explain how multimedia is used incorporate any two of the following fields (choose any two):

*Education *Entertainment *Business *Healthcare (2) (BL2,CO2)

GOA VIDYAPRASARAK MANDAL's
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS
FARMAGUDI, PONDA-GOA
B.C.A. UGC-CCFUP (SEMESTER -III) Intra Semester Assessment(ISA-I), Aug 2025.
CSA-211- Reasoning Techniques.

Duration :30 mins

Max marks: 10

Q.1. Answer the following.(ANY 2)

- a. What is Analogy? (2 Marks) [BL1,CO3]
- b. What is Data Interpretation in logical reasoning? (2 Marks) [BL1,CO3]
- c. What is Data Sufficiency in logical reasoning? (2 Marks) [BL1,CO3]

Q.2.Solve the following.

- a. Flow : River :: Stagnant : ? (1 Mark) [BL3,CO3]

i. Rain ii. Stream iii. Pool iv. Canal

- b. AZBY : CXDW :: EVFU : ? (1 Mark) [BL3,CO3]

i.GTHS ii.GHTS iii.GSTH iv.TGSH

- c. MXN : 13 x 14 :: FXR : ? (1 Mark) [BL3,CO3]

i.14 x 15 ii. 5 x 17 iii. 6 x 18 iv. 7 x 19

- d. **Question:** How is T related to K? (1 Mark) [BL3,CO3]

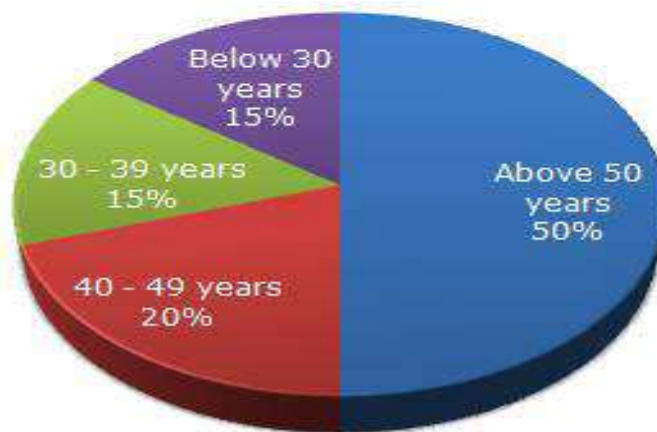
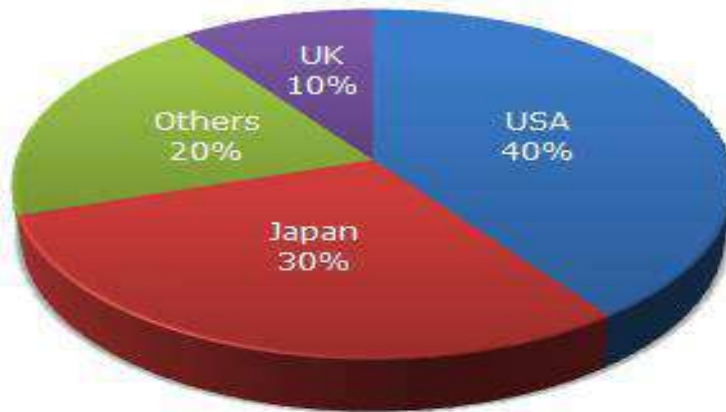
Statements:

- I. R's sister J has married T's brother L, who is the only son of his parents.
- II. K is the only daughter of L and J.

- p. I alone is sufficient while II alone is not sufficient
- q. II alone is sufficient while I alone is not sufficient
- r. Either I or II is sufficient
- s. Neither I nor II is sufficient
- r. Both I and II are sufficient

e. The following pie charts exhibit the distribution of the overseas tourist traffic from India. The two charts shows the tourist distribution by country and the age profiles of the tourists respectively.

Distribution of Overseas Tourist Traffic from India.



i. What percentage of Indian tourist went to either USA or UK ? (1 Mark) [BL3,CO3]

p. 40 % q. 50 % r. 60 % s. 70 %

ii. The ratio of the number of Indian tourists that went to USA to the number of Indian tourists who were below 30 years of age is ? (1 Mark) [BL3,CO3]

p. 2:1 q. 8:3 r. 3:8 s. Cannot be determined