

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

**B.C.A. UGC-CCFUP (SEMESTER II) INTRA SEMESTER ASSESSMENT (ISA – I), FEBRUARY 2024**  
**MAJOR - 2 - CSC-100 - COMPUTER ORGANISATION**

**DURATION – 30 minutes**

**MARKS: 7.5**

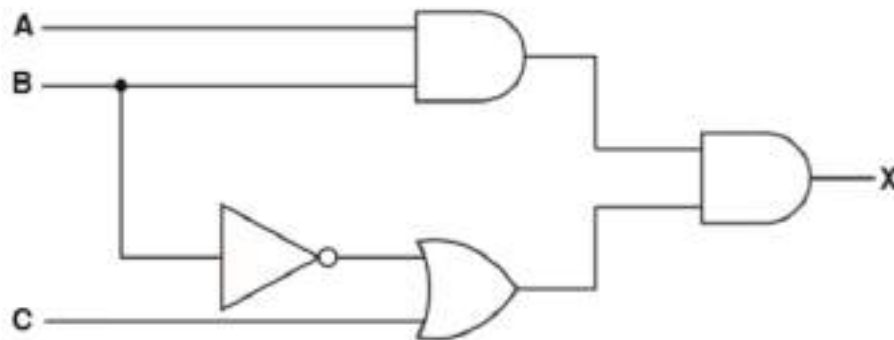
Q.1) Explain the NOR logic gate.

(1mark) (BL 1,CO 1)

Q.2) What is the equivalent expression for the Boolean expression  $x'y'z+yz+xz$ . (1mark) (BL 3,CO 4)

Q.3) Draw the truth table for the following combinational logic gate.

(2.5marks) (BL 3, CO 4)



Q1) Minimize the following boolean function (Using SOP) ?

(3marks) (BL 3, CO 4)

$$F(A, B, C, D) = \sum m(0, 1, 2, 5, 7, 8, 9, 10, 13, 15)$$

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**B.C.A. UGC-CCFUP (SEMESTER-II) INTRA SEMESTER ASSESSMENT (ISA – I), FEBRUARY 2024  
DATA ANALYTICS USING SPREADSHEETS (CSA-143)**

**DURATION – 30 minutes**

**MARKS: 05**

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Q.1) Write short note on workbook protection **(1 marks) (BL-1,CO 1)**

Q.2) Explain TEXT function with an example **(2 marks) (BL-2,CO 2)**

Q.3) Explain VLOOKUP function with an example **(2 marks) (BL-2,CO 2)**

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Farmagudi-Ponda, Goa.**

**B.C.A. UGC-CCFUP (Semester-II) Intra Semester Assessment (ISA) I-Test FEBRUARY 2024**

**ENG-152 - DIGITAL CONTENT CREATION IN ENGLISH**

**Duration: 30 minutes.**

**Marks: 5**

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**Instructions: The ISA is of 5 marks students can either answer Q1 and Q2 or only Q3.**

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**1. Explain any THREE from the following terms. (3 marks)**

- a. Setting
- b. Point of View
- c. Conflict
- d. Theme
- e. Plot

**2. Every good story has two important characters, a Protagonist and an Antagonist.**

**Differentiate between these two characters and give example of each. (2 marks)**

**OR**

**3. With the help of Freytag's Pyramid, explain in detail the plot structure of a story.**

**(5 marks)**

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B.C.A. (Semester II) Intra Semester Assessment (ISA) Test-I February 2024

**Minor: MAT-112 ELEMENTARY STATISTICS**

Duration:-30 Minutes

Marks: 10

**Instruction: 1)** All the questions are compulsory.

**Q1)** Define statistics. **(01)(BL1,CO1)**

**Q2)** Find first quartile and mode for the following observation.  
11, 4, 2, 8, 5, 1, 11, 14, 0, 6. **(02)(BL2,CO2)**

**Q3)** The following is the distribution of age (in years) of 100 employees of company PQR. **(02)(BL2,CO1)**

i) Prepare cumulative frequency (less than type) table.  
ii) What percentage of employees are 25 to 45 years of age?

Age	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60
No. of employees	5	9	13	28	20	12	10	3

**Q4)** Draw the histogram for the following data and hence find the mode graphically. **(02)(BL2,CO1)**

Class Interval	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	5	10	28	26	22	15	4

**Q5)** Three students are listed for the best student's award. The performance are listed below, with appropriate weightage in each category of assessment. State the winner of the award. **(03)(BL3,CO2)**

Basis of assessment	Weightage w	Candidates		
		A	B	C
Result	6	87	90	88
Sports	2	3	0	2
Regularity	2	4	4	3

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**B.C.A. UGC-CCFUP (SEMESTER-II) INTRA SEMESTER ASSESSMENT (ISA-I), FEBRUARY 2024**  
**VAC – 102 - ENVIRONMENTAL STUDIES**

**Duration – 30 minutes**

**Total Marks – 05**

Q. 1. Fill in the blanks and **rewrite** the statement. (2 marks)

- a) \_\_\_\_\_ is the controlled oxidation of organic compounds at high temperatures to produce thermal energy, CO<sub>2</sub>, and water. (BL1,CO4)
- b) \_\_\_\_\_ is an accidental discharge of petroleum products in oceans and estuaries. (BL1,CO1)
- c) \_\_\_\_\_ is the complete process of collecting, treating and disposing of solid wastes. (BL1,CO4)
- d) Noise level above \_\_\_\_\_ db is considered harmful to human beings and can cause immediate damage to ears. (BL1,CO1)

Q. 2. Answer any **three**. (1×3=3 marks)

- a) Explain vermicomposting in solid waste management. (BL2,CO4)
  - b) Interpret any one effect of nuclear hazard on human beings. (BL2,CO1)
  - c) Interpret thermal pollution. (BL2,CO1)
  - d) Describe any one cyclone management technique. (BL2,CO2)
  - e) Explain any one factor behind generation of solid waste in India. (BL2,CO4)
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**B.C.A. UGC-CCFUP (SEMESTER-II) Intra Semester Assessment (ISA-I)-Test**

**FEBRUARY 2024**

**VAC-119 – HEALTH AND PHYSICAL EDUCATION**

**Time: 30 Minutes**

**Marks: 05**

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Q) Answer the following question.

1. A. World Health Organisation says that health is \_\_\_\_\_.  
(complete the sentence) (2)

B. What are some of the areas you do take care of when it concerns  
with your health? (3)

**OR**

1. C. What is the definition of Physical Education? (2)

D. Is Physical Education important for life? Why? (3)

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**B.C.A. UGC-CCFUP (SEMESTER II) INTRA SEMESTER ASSESSMENT (ISA) I, FEBRUARY 2024**  
**COM-137- TOURISM AND HOSPITALITY MANAGEMENT**  
**Duration- 30 mins** **Marks - 7.5**

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Q1. Fill in the Blanks **(CO1, BL1) (2 marks)**

1. rivers, lakes, waterfalls, and oceans are examples of \_\_\_\_\_ tourism resources.
2. Taj mehel, fatehpur sikri fort, lotus temple are examples of \_\_\_\_\_ tourism resources.

Q2. Answer the Following **(CO1, BL1) (2 marks)**

1. Define Tourism
2. Give 2 examples of Anthropogenic Tourism Resources

Q3. Explain with an example why is tourism important for a country. **(CO1, BL2) (2 marks)**

Q4. As a citizen of a country which are some of the social evils of tourism you want to eradicate and why? **(CO1, BL3) (1.5 marks)**

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