

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

**B.C.A. UGC-CCFUP (SEMESTER-I) Intra Semester Assessment (ISA-I) Test AUGUST 2025
VAC-110 AWARENESS OF CYBER CRIMES & SECURITY**

Duration: 30 mins

Marks:05

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|--|-----------|------------------|
| 1) List types of cyber attacks with example. | OR | CO1 BL1 (2 Mark) |
| 1) List the prevention techniques with respect to cyber crime. | | CO1 BL1 (2 Mark) |
| 2) What is Cyber Crime? | OR | CO1 BL2 (1 Mark) |
| 2)What is Attack Vector? | | CO1 BL2 (1 Mark) |
| 3)What is cyber Security? | OR | CO1 BL2 (1 Mark) |
| 3)What is Distributed Denial of Service (DDOS)? | | CO1 BL2 (1 Mark) |
| 4)Discuss about the Cyber terrorism. | OR | CO1 BL4 (1 Mark) |
| 4)Discuss about “Cyber Crime against Organizations”. | | CO1 BL4 (1 Mark) |
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Goa Vidyaprasarak Mandal's
Gopal Govind Poy Raiturcar College of Commerce and Economics
Farmagudi, Ponda- Goa.
B.C.A. (Semester I) Intra Semester Assessment (ISA) Test-I August 2025

Minor-1 MAT-111 ELEMENTARY MATHEMATICS

Duration:-30 Minutes

Marks: 10

Instruction: All the questions are compulsory.

Q1) Define Singleton set. Give an example. (CO2,BL1)(01)

Q2) Convert the following compound statements to symbolic form.(CO1,BL2)(02)

- i) If a number 'n' is divisible by 2 then it is an even number.
- ii) It is raining or it is not cold.

Q3) Let $U = \{x: x \in N, x \leq 12\}$, $A = \{1,4,7,10\}$,
 $B = \{2,3,4,5,6,7\}$ $C = \{2,4,6\}$ (CO2,BL1)(02)
Find. i) $(A \cap B)'$
ii) $(A - B) \cup C$

Q4) In a group of 60 people, 27 people can speak English and 42 can speak French and each person can speak atleast one of the two languages. How many can speak both English and French? (CO2,BL3)(02)

Q5) Construct the truth table for $(p \rightarrow q) \wedge (\sim p \vee \sim q)$ (CO1,BL3)(03)

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VAC – 100 - ENVIRONMENTAL STUDIES -I**

Duration – 30 minutes

Total Marks 05

Q.1 Write the correct option for the following MCQ's

(1M)[CO1][BL1]

1. Which gas is mainly responsible for the greenhouse effect?

- A. Oxygen
- B. Carbon Dioxide
- C. Nitrogen
- D. Hydrogen

3. Which of the following is a major cause of water pollution?

- A. Earthquakes
- B. Industrial waste
- C. Wind erosion
- D. Soil fertility

Q.2 Fill in the blanks

(1M)[CO1][BL1]

1. World Environment Day is celebrated every year on ----- to raise global awareness about protecting the environment.

2. "----- are the lungs of the Earth, to protect them is to protect ourselves.

Q.3 Answer the following questions (ANY 3)

(1×3=3 M) [CO1][BL1]

1. Define the term 'Environment'.

2. What are Renewable and Non-Renewable resources? Give examples.

3. State uses of Forest Resources.

4. What is Drought?

5. Write the difference between Afforestation and Reforestation.

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B.C.A. UGC-CCFUP (SEMESTER – I) INTRA SEMESTER ASSESSMENT (ISA – I) TEST AUGUST 2025
VAC-108 – INTRODUCTION TO THE FOLK TALES OF INDIA

Time: 30 Minutes

Marks: 05

Q.NO 1) Answer **any two** of the following questions.

(2x1M= 2M) [CO1] [BL1]

- a) What are folktales?
- b) Name any two categories of folktales based on genre.
- c) Label any two key features of folklore.

Q.NO 2) Discuss in detail any one form of storytelling in terms of folklore.

(3M) [CO3] [BL2]

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VAC-116 – LIFE SKILLS

Time: 30 Minutes

Marks: 05

Q.NO 1) Answer **any two** of the following questions. (2x1M= 2M) [CO1] [BL1]

- a) Define life skills.
- b) Name the 3 main components of life skills.
- c) What is self- esteem?

Q.NO 2) Answer **any one** of the following questions. (3 M)) [CO3] [BL2]

- a) Explain any one life skill in detail. Give suitable examples to relate.
 - b) Demonstrate any two ways of managing emotions.
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COM 133- MARKETING FOR BEGINNERS

Duration- 30 mins

Marks- 7.5

Q.1 Choose the appropriate answers from the options given below:

(2.5) BL1 CO1

1. Which of these is an example of indirect distribution?
 - a) Selling on your website
 - b) Factory outlet sales
 - c) Selling through Amazon
 - d) Pop-up shop
2. Which of the following is not a part of micro environment?
 - a) Intermediaries
 - b) Customers
 - c) Stakeholders
 - d) Climate
3. Type of pricing where the price is set very high in the start
 - a) Price skimming
 - b) Cost plus pricing
 - c) Penetration pricing
 - d) Dynamic pricing
4. What is post-purchase behavior?
 - a) What a consumer thinks and feels after buying a product
 - b) Comparing products
 - c) Finding product info
 - d) Placing an order
5. Perceptions and motivation comes under which of the following:
 - a) Social Factors
 - b) Cultural Factors
 - c) Psychological Factors
 - d) Personal Factors

Q.2 Answer the following questions:

(3) BL1 CO1

1. What is Marketing Myopia?
2. What is the importance of Marketing?
3. What is Consumer Behavior?

Q.3. Answer the following question:

(2) BL2 CO1

1. Explain any 2 marketing philosophies.

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**B.C.A. UGC-CCFUP (SEMESTER-I) INTRA SEMESTER ASSESSMENT (ISA) I, AUGUST 2025
COURSE: CSA-100 PROBLEM SOLVING AND PROGRAMMING**

Duration- 30 mins

Marks - 7.5

Sr.no	Questions	Marks	CO	BLT
1	What is Stepwise Refinement?	1 mark	CO1	BLT1
2	Define algorithm. Name any one property of an algorithm.	1 mark	CO2	BLT1
3	Differentiate between Top-Down and Bottom-Up design. (2 points each)	2 marks	CO1	BLT2
4	List any two stages involved in the Problem-Solving Life Cycle.	1 mark	CO1	BLT1
5	Draw a flowchart to find the largest among the three numbers	2.5 marks	CO2	BLT 2

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PYTHON PROGRAMMING (CSA-142)

DURATION – 30 minutes

MARKS: 05

Q.1) Define the following terms

(1 x 2 = 2 mks)[BL -1, CO 1]

a) Indentation

b) Data Type

Q.2) List the basic input and output functions in Python and give examples of different types of loops used in Python programming.

(1 mks)[BL -1, CO 2]

Q.3) Demonstrate an understanding of the rules for naming variables in Python by providing examples of valid and invalid variable names.

(2 mks)[BL -2, CO 2]
