

Goa Vidyaprasarak Mandal's
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS
FARMAGUDI, PONDA - GOA
B.C.A. CBCS (SEMESTER-IV) INTRA SEMESTER ASSESSMENT (ISA) I- ASSIGNMENT, FEBRUARY 2024
DATA COMMUNICATION

DURATION – 45 minutes

MARKS: 20

- Q.1) Define the following terms (1 x 5 = 5 mks)
- a) Data Communication
 - b) ISP
 - c) Network
 - d) Half duplex
 - e) ARP
- Q.2) Differentiate between (2 x 2 = 4 mks)
- a) Mesh Topology and Star Topology
 - b) LAN and MAN
- Q.3) What is protocol? List the key elements of protocol. (2 mks)
- Q.4) Describe the components of data communication. (3 mks)
- Q.5) Explain the use of logical address in data communication with an example. (3 mks)
- Q.6) Explain the OSI model with a neat diagram. (3 mks)
- OR**
- Q.6) Explain TCP/IP model with neat diagrams. (3 mks)

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IT IN MANAGEMENT

Duration- 45 mins	Marks – 20
Q1. What is IT infrastructure?	(2 marks)
Q2. Explain the Role of Computer in modern business with an example	(2 marks)
Q3. What are the components of information system?	(2 marks)
Q4. Explain the three drivers of Business Value of IT.	(3 marks)
Q5. What are the different ways a businessman can use IT in business.?	(3 marks)
Q6. Explain in Brief Business Value of IT.	(4 marks)
Q7. Explain in Brief any 2 classification of information System.	(4 marks)

DURATION – 45 minutes

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CAC-113 SOFTWARE ENGINEERING

DURATION – 45 minutes **MARKS: 20**

- 1) Define Software Engineering. (2)
- 2) Define Reliable Software. (2)
- 3) Differentiate Between Prototyping Model and Evolutionary Model. (3)
- 4) Answer any 2 of the following. (4*2=8)
 - a) With the help of a diagram, Explain the stages of software Development Life Cycle(SDLC).
 - b) With the help of a diagram, Explain Waterfall Model.
 - c) What is Version Control System (VCS)? Explain the types of Version Control Systems.
- 5) Explain Release Management in brief. (5)

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Farmagudi-Ponda, Goa.
B.C.A. CBCS (Semester-IV) Intra Semester Assessment (ISA) I-Test. FEBRUARY 2024
Technical Writing Skills

Duration: 45 minutes.

Marks: 20

1. State whether the following statements are True or False. (1×6=6)

- a. Salutation is the counterpart of personal greetings to the addressee in social life.
- b. Originality makes a business letter more appealing.
- c. Delayed response shows the ineffectiveness of the letter.
- d. Signature is always written in handwriting.
- e. Right to Information Act 2005 mandates timely response to citizen requests for government information.
- f. The tone of the business letter should always be affirmative and bossy.

2. Answer any THREE from the following questions. (3×3=9)

- a. What do you mean by the effectiveness of a business letter?
- b. Explain, “send telegrams not essays.”
- c. What do you mean by coherence of the language? Give an example.
- d. In what context, “Be conscious that the reader does not have much time.” has been used?
- e. Define Letterhead and mention key elements it must have.

3. Answer any ONE of the following questions. (5×1=5)

- a. Write a cover letter for the position of a Web Developer, at Aquavelly, Bangalore.
- b. Draw a formal letter layout and mark the parts of the letter.