

**2011000104010001**  
**B.C.A. S.Y (Sem – IV)**  
**Examination October-2023**  
**Information Systems**

**Seat No:**

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**[Time: Three Hours]**

**[Max. marks: 70 ]**

- Instructions:**
- 1. Write to the point**
  - 2. Provide examples and diagrams wherever appropriate / necessary**
  - 3. Figures to the right indicate full marks to the question**

**Student's Signature**

**Q.1** Answer in short. (Any Seven)

**14**

- 1) List out objectives of TPS.
- 2) Define SAP. List out its components.
- 3) Differentiate between Probabilistic and Deterministic system.
- 4) Define: Data and Information.
- 5) Define: Information System. Give its benefits.
- 6) What is Goal-Seeking Analysis?
- 7) Define: Schedule report and Key-Indicator report.
- 8) Define: Open and Close System.

**Q.2** Attempt any two:

**14**

- 1) Explain objectives of TPS
- 2) Justify "MIS is Pyramid".
- 3) Explain open and close system.

**Q.3** Attempt any two:

**14**

- 1) Explain different types of reports generated by MIS.
- 2) Explain the steps involved in the conversion of manual system into Computer Based Information System.
- 3) Explain components of DSS.

**Q.4** Attempt any one:

**14**

- 1) Give brief description of subsystems of Online News Portal. Explain how information will help you to take decision at various levels. Mention the MIS reports that can be generated.
- 2) Give brief description of showing subsystems of Railway Reservation System. Explain how information will help you to take decision at various levels. Mention the MIS reports that can be generated.

**Q.5** Write short notes: (Attempt any two)

**14**

- 1) ERP
- 2) Order processing system.
- 3) GDSS.
- 4) Traditional Transaction Processing methods.