

(3 Hours)

[Total Marks: 100]

- N. B.: (1) Question **No. 1** is **compulsory**.
 (2) Attempt **any four** from **Question Nos. 2 to 7**.
 (3) Make **suitable assumptions** wherever necessary and **state the assumptions** made.
 (4) Answers to the **same question** must be **written together**.
 (5) Numbers to the **right** indicate **marks**.
 (6) Draw **neat labeled diagrams** wherever **necessary**.

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| 1 | A | What is the need for system analysis before computerizing a system? | 5 |
| | B | What are the types of system? Explain. | 5 |
| | C | Explain the scope of Economical environment. | 5 |
| | D | Describe Herbert Simon model of decision making. | 5 |
| 2 | A | Explain Growth, Product and Market strategies. | 8 |
| | B | Explain any two tools used to handle the system development requirements. | 8 |
| | C | What are the activities involved in maintaining the software quality? Explain. | 4 |
| 3 | A | Explain Functional organization and Matrix organization. | 8 |
| | B | List & explain organization behavioral factors. | 8 |
| | C | What are the features of a reliable and effective control system? Explain. | 4 |
| 4 | A | What are the different steps involved in the System analysis and design? Explain. | 8 |
| | B | Write a note on TQM of information system. | 8 |
| | C | Short note on project model. | 4 |
| 5 | A | What is rational decision? Why is it difficult to take rational decision? | 8 |
| | B | Explain the managerial function planning & control. | 8 |
| | C | What are the different types of CASE tools in MIS? Explain. | 4 |
| 6 | A | Explain i) Organization levels and the Span of control ii) Departmentation | 8 |
| | B | “The organization is also a system of people”. Justify this statement. | 8 |
| | C | How does a control system model help systems to achieve specific objectives? | 4 |
| 7 | A | How do MIS support the business? Explain. | 8 |
| | B | “The choice of IT is a strategic decision but not a financial decision.” Explain. | 8 |
| | C | What are the methods to avoid misuse of information? Explain. | 4 |
