

MAY 2011

P/ID 37526/PBEK

Time : Three hours

Maximum : 80 marks

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

All questions carry equal marks.

1. What is the difference between system analysis and system design?
2. Explain the prototype strategies.
3. List the characteristics of a form with examples.
4. Describe the preliminary investigation for system analysis.
5. Discuss the various training methods.
6. Describe major phases in hardware and software selection.
7. What are the features of a user interface design?
8. Explain the criteria for input design.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

All questions carry equal marks.

9. Explain the scope and functions of system analysis.
10. Explain the advantages and disadvantages of prototyping.
11. Define a CASE tool. List the advantages of CASE tools.
12. What are the inputs and outputs of the system design phase?
13. Discuss the steps involved in system implementation.
14. Explain technical and financial feasibility.

PART C — (1 × 15 = 15 marks)

(Compulsory)

15. A fast-food restaurant has number of outlets in and around a city. At present the outlets use conventional cash bills. The management would

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like to implement a point of sale (POS) system in all its outlets with connections to a centralised computer. Assume you are the systems analyst and asked to assist in the conversation process from the existing system to the new one.

Evaluate the change over options and recommend the suitable method.
