2429   BCA-05

B.C.A. DEGREE EXAMINATION – JANUARY, 2006.

First Year

ELEMENTS OF SYSTEMS ANALYSIS AND DESIGN

Time : 3 hours   Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Define a system and discuss the characteristics of a System.

2. Explain briefly on Project request.

3. Discuss briefly on Input design.

4. Explain briefly on the requirements of Form design.

5. What are the factors that determine the quality of a system?

6. Discuss briefly on Conversion.

7. Define Multimedia. Discuss on Software and Hardware needs to design a Multimedia project.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain the various stages in the System Development Life Cycle.

9. What is Feasibility study? Discuss on different types of Feasibility study.

10. Explain Structured Design with a neat diagram.

11. Explain on different types of File Organisation.

12. Explain on Testing plan.

13. Write short notes on DSS and knowledge Based System.

14. Write short notes on :

    (a) Structures Flowcharts

    (b) HIPO diagrams

    (c) Warneir Orr diagrams.

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