

UG-718

BCA-05

B.C.A. DEGREE EXAMINATION – JUNE 2006.

First Year

(For Candidates admitted in AY 2004–05, CY 2005
AY 2005–06)

ELEMENTS OF SYSTEM 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 System.
2. Explain briefly on Project request.
3. Discuss briefly on Output design.
4. Explain briefly on the requirements of Form design.
5. Discuss on different levels of Quality Assurance.

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. Write short notes on :

- (a) Decision trees
- (b) Decision tables.

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) Warrier Orr diagrams.