

**Bachelor of Science (Information Technology)
Annual Examinations -2006**

**BITD -401
System Analysis & MIS**

Time allowed: Three hours

Max. Marks: 100

SECTION – I

Attempt all the objective type questions given below:

2X10=20

- (i) MIS are more concerned with _____ functions
- (ii) Most difficult task of system analyst is _____.
- (iii) Result of analyst phase is _____.
- (iv) Joint Application Development (JAD) is well known _____ tool.
- (v) E-R Diagram deals with _____.
- (vi) Decision tree is a tool for documenting _____.
- (vii) System design consists of two phases _____ and _____.
- (viii) Structured design is a _____ based methodology.
- (ix) Principle of design is that _____ modules should be _____ cohesive and _____ coupled.
- (x) HIPO stands for _____.

SECTION –II

Attempt any five questions in about 75-100 words.

All questions carry equal marks.

5X6=30

- (i) Discuss the important characteristics of a system with suitable example.
- (ii) How will you generate a Feasibility Analysis report of a system?
- (iii) What is a decision tree? How does it differ from a decision table?
- (iv) What are the steps of input design?
- (v) Define validation. What are the types of testing?
- (vi) What are the different design objectives?
- (vii) Discuss Quality Assurance.

SECTION -III

Attempt any five questions in about 300-400 words

5X10=50

- (i) Discuss conceptual design of MIS.
- (ii) Discuss system development life cycle. Write all phases and results
- (iii) Describe various types of fact finding techniques with examples
- (iv) Name the commonly used process description tools. Discuss the importance of each one in brief
- (v) What are the different principles of system design? Describe the designing process
- (vi) Suppose you were asked to prepare a plan for training the user staff on a newly acquired microcomputer system:
 - (a) What factors do you consider in preparing the plan?
 - (b) How would you design the plan?
 - (c) What objectives are considered as a basis for the plan?