



**Model Paper “System Analysis & Design”  
For DIT Semester-II  
Annual Examination 2016 & Onward  
SUBJECTIVE  
(PART-B)**

Time:-2:10 Hrs

Marks:-40

**SECTION-I**

**Q.1. Write the short answer to any Twelve (12) of the following questions. 2x12=24**

- 1- Define the term 'system'.
- 2- What is the main objective of the Feasibility Study?
- 3- What are the major issues that should be raised when the system designer design the system process?
- 4- What are the objectives for input design?
- 5- What are the main components of a data flow diagram?
- 6- Describe the purpose of the entity relationship diagram (ERD)?
- 7- What is the difference between user manual & technical manual?
- 8- What is change over procedure?
- 9- Write the steps for determining cost and benefit?
- 10-Write the strategies for determining information requirements?
- 11-Write the purpose of design methodologies?
- 12-Define structured design? How it is related to DFD?
- 13-What is decision table?
- 14-What is system testing?
- 15-Write the steps to create test files?
- 16-Write the factors by which quality are specified?
- 17-Write about input design?
- 18-What is system performance definition?

**SECTION-II**

**Long Question**

**Note: - Attempt any two (02) questions.**

**8x2=16**

- Q-2: What is an information system & explain types of information system?
- Q-3: Explain DFD & Decision Tree and rules for constructing DFD & Decision Table?
- Q-4: Describe the purpose of the entity relationship diagram (ERD) in the structured development strategy?

\*\*\*\*\*