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## M.B.A. ( E-Business)
## DEGREE EXAMINATION, 2010

( SECOND YEAR )

( PAPER - XVI )

### 280. STRUCTURED SYSTEM ANALYSIS AND DESIGN

December ]                          [ Time : 3 Hours

Maximum : 100 Marks

**SECTION - A**          (5 × 5= 25)

*Answer any FIVE questions.*
*All questions carry equal marks.*

1. Explain the process of system development life cycle.

2. Explain how any project feasibility is accessed.

3. Explain the importance of DFD in the analysis process.

**Turn Over**

4. How is information gathering done in conceptual modelling ? Give examples.

5. How are dialogues designed ? Give examples and explain.

6. Explain the difference between designing a database and a file.

7. Explain the process involved in software application testing.

8. Explain the steps involved in documenting a particular system.

**SECTION - B** (3 ×20= 60)

*Answer any THREE questions.*
*All questions carry equal marks.*

9. Explain the need for CASE tools to support requirements determination. Give suitable examples

10. Explain the differences between transaction centred and transform centred design with an example.

11. What are the types of DFD's ? For any application, how do you decide the number of levels of DFD ? Give suitable examples.

12. Explain the various steps involved in physical and logical design of a system.

13. Explain how interfaces and dialogues designed with an example.

**SECTION - C** (1 ×15= 15)

*( Compulsory )*

14. Explain the process of implementation and maintenance of SDLC phases in detail.