

**M.B.A. (IT) SEM- II (2012 COURSE)(CHOICE BASED CREDIT  
SYSTEM) : SUMMER - 2018  
SUBJECT: SYSTEM ANALYSIS & DESIGN**

Day: **Thursday**  
Date: **03/05/2018**

Time: **02.00 PM TO 05.00 PM**  
Max Marks: 100

**S-2018-1963**

**N.B:**

- 1) Solve **ANY FOUR** questions from Section-I and **ANY TWO** questions from Section - II.
- 2) Answers to both the sections should be written in the **SAME** answer book.
- 3) Figures to the right indicate **FULL** marks.

**SECTION-I**

- Q.1** What are types of Decision Making Systems? Explain any one. **(15)**
- Q.2** Explain Role of System Analyst in System Analysis. **(15)**
- Q.3** What is SRS? List and describe contents of SRS. **(15)**
- Q.4** Explain importance of Onsite-Observations in System Analysis. **(15)**
- Q.5** Write short notes on **ANY THREE** of the following: **(15)**
- a) JAD
  - b) Class, Object and Relationships
  - c) Agile Development Methods
  - d) Decision Tree
  - e) Types of Testing

**SECTION-II**

- Q.6** An organization is planning to design online portal for their customers. Customer can buy various products on the portal. Before buying a product, customer can compare products and can add them to shopping cart. Finally customer can place orders. Customer has facility to make payments through credit card. Draw ER diagram for the same. **(20)**
- Q.7** A Library System provides a facility for Librarian to add & remove book from Library. A registered student can view list of available books and put requests. Librarian can process submitted request & book can be issued to student. Students can return book back to Librarian. Librarian has to collect fine from student, if book is not returned within specific period. Draw DFD for same. **(20)**
- Q.8** What are characteristics of good interface? Design any three output reports for a manager of online rental car system. **(20)**

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