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(Printed Pages 3)

Roll. No. _____

MS-3133

M.B.A.(M.S.) IV-Sem. (MDS)

Examination, 2015

System Analysis & Design

MS-(B)-044

Time Allowed : Three Hours] [Maximum Marks : 70

Note : Answer five questions in all. Question No.1
is compulsory. Attempt four more ques-
tions selecting one question from each Unit.

1. Differentiate between the following:

3 × 10 = 30

- (a) Physical and abstract System
- (b) External and Internal Users
- (c) Flow Chart and Data Flow Diagram(DFD)
- (d) Coupling and Cohesion
- (e) Economic and Operational Feasibility
- (f) Waterfall and Prototype Model

P.T.O.

(2)

- (g) Logical and Physical Design
- (h) Data Definition Language (DDL) and Data Manipulation Language (DML)
- (i) Black box and White box testing
- (j) Hardware and Software Security

Unit-I

- 2. Explain the works and responsibilities of System Analyst. 10
- 3. What are the phases of the System Development Life Cycle (SDLC)? Discuss the role of System Stake holders in System Development Life Cycle (SDLC). 10

Unit-II

- 4. What do you mean by Fact Finding Techniques? Also describe its various types. 10
- 5. Draw a Decision Table and Decision Tree for following condition: 10
Company X sells merchandise to wholesale and retail outlets. Wholesale customers receive a two percent discount on all orders. The com-

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pany also encourage both wholesale and retail customers to pay cash on delivery by offering a two percent discount for this method of payment. Another two percent discount is given on orders of 50 or more units. Each column represents a certain type of order.

Unit-III

- 6. What is system prototyping? Why do you think that system prototyping has become a popular way to develop I.T. application? 10
- 7. (a) Why is "Redundancy" bad in database development and management? 5
(b) Elucidate the benefits and limitations of database management. 5

Unit-IV

- 8. Why do we test systems? Explain various steps involved in system testing. 10
- 9. What do you understand by quality assurance? Explain different levels of quality assurance. 10