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Paper Id: 

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Sub Code: RMBIT05

Roll No. 

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MBA

**(SEM IV) THEORY EXAMINATION 2017-18  
SYSTEM ANALYSIS & DESIGN****Time: 3 Hours****Total Marks: 70**

- Note:** 1. Attempt all Sections. If require any missing data; then choose suitably.  
2. Any special paper specific instruction.

**SECTION A**

1. **Attempt all questions in brief.** **2 x 7 = 14**

- a. Define System Analysis?
- b. Define Software Crises?
- c. Define Feasibility Study?
- d. Explain Process Of Testing?
- e. Define Object Oriented Analysis (OOA)?
- f. Define types of security threats?
- g. Differentiate between decision tree and decision table?

**SECTION B**

2. **Attempt any three of the following:** **7 x 3 = 21**

- a. Discuss various phases of system development life cycle? Which phase do you think is the most important, discuss?
- b. What do you understand by the system planning? What are the issues involved in feasibility study? Also discuss cost/benefit analysis?
- c. What is feasibility study? What are the important activities that are carried out during the feasibility study?
- d. Define structured analysis? Explain its tools? Design a Data Flow Diagram of Payroll System?
- e. Discuss the various types of attacks on a commercial website and how to deal them.

**SECTION C**

3. **Attempt any one part of the following:** **7 x 1 = 7**

- (a) What do you mean by SRS? What are the components and objectives behind preparing a SRS?
- (b) What is system? Explain the role of information system and elements of the system?

4. **Attempt any one part of the following:** **7 x 1 = 7**

- (a) What are objective of Software Testing? List the various testing methods in detail
- (b) Explain software quality management systems?

5. **Attempt any one part of the following:** **7 x 1 = 7**

- (a) Explain Cost/Benefit analysis in detail?
- (b) What is system scope? Explain different levels of system?

6. **Attempt any one part of the following:** **7 x 1 = 7**

- (a) Define Computer Aided Software Engineering in detail?
- (b) Discuss the difference between object oriented & function Oriented design?

7. **Attempt any one part of the following:** **7 x 1 = 7**

- (a) Explain Disaster Recovery Plan with the help of example?
- (b) What does information security policy mean?