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Printed Pages:01 **Sub Code: RMBIT05**

Paper Id: | 2 | 7 | 0 | 4 | 4 | 3 | **Roll No.** | | | | | | | | | | |

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?

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