

**INTEGRATED MASTER OF COMPUTER APPLICATIONS (CHOICE BASED
CREDIT SYSTEM)**

**I.M.C.A. Sem-VII : WINTER : 2021
SUBJECT: SOFTWARE ENGINEERING**

Day : Tuesday
Date : 25-01-2022

W-10086-2021

Time : 10:00 AM-01:00 PM
Max. Marks: 100

N.B.

- 1) Attempt any **FOUR** Questions from sections –I. Each questions carries 15 marks
- 2) Attempt any **TWO** Questions from section-II. Each questions carries 20 marks.
- 3) Answer to both the section should be written in the **SAME** answer books.

Section – I

- Q.1** What is Agile Methodology? Explain the Dynamic System Development Method (DSDM). (15)
- Q.2** What is quality? Explain term formal technical review. (15)
- Q.3** Explain in detail the different types of Black box testing. (15)
- Q.4** What is mean by software Maintenance? Explain the different types of maintenance. (15)
- Q.5** What is Requirement Engineering? Explain the Traditional Models of requirement engineering. (15)
- Q.6** What is software requirement specification? Explain the characteristics of good SRS. (15)
- Q.7** Write short notes on any **THREE** of the following: (15)
- a) Rapid Application Development Model
 - b) Report Design
 - c) User Interface design
 - d) Modularity

Section – II

- Q.8** What is DFD? Explain the different symbols used to draw the DFD. Draw the DFD for Hotel Management System. (20)
- Q.9** What is ERD? Draw the E-R Diagram for Library Management System and convert this E-R diagram into relational tables. (20)
- Q.10** Write short notes on any **TWO** of the following: (20)
- a) Restructuring
 - b) The Art of Debugging
 - c) Feasibility Study

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