

I.M.C.A. SEM-VII (2014 Course) CBCS : SUMMER - 2019

SUBJECT : SOFTWARE ENGINEERING

Day : Thursday
Date : 02/05/2019

S-2019-2139

Time 02.00 PM TO 05.00 PM
Max. Marks : 100

N.B.

- 1) Attempt any **FOUR** questions from Section – I . Each question carries 15 marks.
 - 2) Attempt any **TWO** questions from Section – II. Each question carries 20 marks.
 - 3) Answers to both the sections should be written in **SAME** answer book.
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SECTION – I

- Q.1** What is software engineering? Explain the Prototyping model with its advantages and disadvantages.
- Q.2** What is Software Configuration Management? Explain Software Configuration Management process in detail.
- Q.3** What is requirement engineering? Explain the characteristics of SRS and types of requirement engineering.
- Q.4** Describe the following concepts:
a) Architecture
b) Control hierarchy
c) Data hiding
- Q.5** Write short note on any **TWO** of the following:
a) SQA activities
b) Black Box Testing
c) Reverse Engineering

SECTION – II

- Q.6** Draw context level, first level DFD and ERD for Hospital Management System.
- Q.7** What are the features of Modern GUI? Give proper guidelines for interface design of library system.
- Q.8** Write short note on any **TWO** of the following:
a) The Debugging Process
b) Adaptive Software Development
c) Change Control

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