MSCCS-09/MSCCS-203/ MSCCSC-203/MCA-203

December – Examination 2021

MSCCS (Final)/MCA (IInd Year) Examination

Software Engineering

Paper : MSCCS-09/MSCCS-203/ MSCCSC-203/MCA-203

Time : 1½ Hours] [*Maximum Marks : 80*

Note :– The question paper is divided into *two* Sections A and B. Write answers as per the given instructions.

Section–A   4×4=16

(Very Short Answer Type Questions)

Note :– Answer any *four* questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries 4 marks.

1. (i) Define Software.

   (ii) What is Cohesion ?

   (iii) What do you understand by software components reuse ?

   (iv) What is the software productivity ?

   (v) What is RAD ?

   (vi) What is pseudo code ?

   (vii) What do you understand by validation activities ?

   (viii) What do you understand by prototyping ?

Section–B   4×16=64

(Short Answer Type Questions)

Note :– Answer any *four* questions. Answer should not exceed **200** words. Each question carries 16 marks.

2. What do you mean by quality assurance ? How quality assurance is did in software development ?

3. Explain the life-cycle of Software.

4. What is non-functional requirements ? What are different types of non-function requirements ?

5. What is software cost estimation ? Explain the software cost components.

6. Explain fault, failure, error, debugging.

7. What are levels of testing ? Explain balck box and white box testing with suitabe example.

8. Explain the following :

   (a) Data-oriented software design

   (b) Function-oriented software design.

9. What do you mean by Risk Mitigation, Monitoring and Management (RMMM) ? Explain.