

P-824

Total Pages : 3

Roll No.

MCA-17

Software Engineering

Master of Computer Application

5th Semester Examination, 2023 (June)

Time : 2 Hours]

Max. Marks : 70

Note : This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

SECTION-A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. What do you mean by Software Engineering? What are the characteristics of a good Software Engineering?

2. What is software life cycle? Discuss the waterfall model and its advantages and disadvantages.
3. Explain Prototyping model and its advantages and disadvantages.
4. Discuss the evolutionary Model with its advantages and disadvantages.
5. What do you mean by maintenance problem? Discuss the nature of maintenance.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only. (4×8=32)

1. Explain the structure of Software Requirements document.
2. What are the feasibility studies for requirements engineering process?
3. What do you mean by Requirement Engineering?
4. Explain the Concept of SRS. Explain its types.

5. Explain DFD and E R Diagram with Suitable example?
 6. Explain Spiral model and its advantages and disadvantages.
 7. Explain Software process and the characteristics of Software Process.
 8. Describe different characteristics of SRS.
-

