

14NN806

Roll No. _____

Total No. of Pages.: 02

14NN806

MCA I Semester (New Scheme) Main/Back Exam August-2023

MCA 126 - Software Project Management

Time : 3 Hours

Maximum Marks: 80

Min. Passing Marks: 26

Instructions to Candidates:

- Student has to attempt all 10 very short answer type questions (2 marks each).
- Student has to attempt all 5 short answer types questions (4 marks each).
- Student has to attempt all 5 questions (8 marks each).

Use of following supporting materials is permitted during examination. (Mentioned in form No. 205)

1 _____

2 _____

PART A

Q.1. Attempt all 10 very short answer type questions (2 marks each)

[2 x 10 =20]

- Define software engineering?
- Define requirement engineering?
- What is DFD?
- Write difference between validation and verification.
- What do you mean by good design?
- What is SRS?
- Explain functional and non-functional requirements.
- Define software and software engineering.
- What is Cost Estimation?
- Explain software maintenance.

P.T.O.

PART B

Q.2 Attempt all 5 short answer type questions (4 marks each) [4 x 5 = 20]

- (a) Define Project and role of project manager.
- (b) What is RAD Model?
- (c) Explain Elicitation Techniques.
- (d) Explain Win-Win Spiral Model for project management.
- (e) What is CPM. Explain in detail.

PART C

Q.3. Attempt all 5 questions (8 marks each) [8 x 5 = 40]

- (a) Write note on Software size factor. ✓
- (b) What is SRS? Describe proper format and content of SRS.
- (c) Discuss method for estimating cost in any project?
- (d) Explain the UML diagram.
- (e) Explain COCOMO model in detail. ~~Write suitable example.~~

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