MAY 2022 **U/ID 46514/UCC5B**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is software Engineering?

2. What are small projects?

3. What is COCOMO?

4. List the desirable properties of S/W requirement specification.

5. What is software specifications?

6. Define Inspection.

7. What is Walk through?

8. List down any two design notations.

9. What are two types of verification?

10. What is quality Assurance?

11. What is validation?

12. What is Debugging?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Discuss briefly on : Managerial Issues.

14. What is meant by software process? Explain.

15. Discuss about estimating software maintenance cost.

16. Write a note on formal technical review.

17. What are Test plans? Explain.

18. Explain software configuration management.

19. Explain the tools for software maintenance.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain about prototype life cycle methods.

21. Explain any one software cost estimation techniques with examples.

22. Describe in detail various software cost factors.

23. Explain the fundamental design concept in software design.

24. Write short notes on:

    (a) Static Analysis

    (b) Quality Assurance

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