DECEMBER 2022 **U/ID 46514/UCC5B**

Time : Three hours Maximum : 75 marks

PART A — ($10 \times 2 = 20$ marks)

Answer any TEN questions.

1. Mention any two important general skills of a Good Software Engineer?

2. Define: Project Scheduling.

3. Define: Layers of Software Engineering.

4. List out the Software Cost Effects.

5. What is the use of process specification?

6. What is the goal of requirements management?

7. List any two design principles.

8. What is a 'Walk Through'?

9. What is a validation Testing?

10. What is meant by Static Analysis?

11. What is Software Quality Assurance?

12. What is System Testing?

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. Explain various project size categories.

14. Explain the software requirement specification in briefly.

15. What are the fundamental steps in design concepts?

16. Explain about the metrics for maintenance.

17. Explain how do you perform a symbolic execution.

18. Write a note on formal Technical review.

19. Describe the fundamental of System Testing.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Explain about planning the development process in detail.

21. Explain the cost Estimation procedure using Cocomo Model.

22. What are the formal specification techniques? Discuss.

23. Explain the design notation in detail.

24. Describe in detail the software configuration management.
