MAY 2022

P/ID 17616/PCA4N/ PCAEF

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define the term Software Engineering.
2. What are the merits of incremental model?
3. Write down the various tasks in requirement engineering.
4. Name the various modeling strategies.
5. What is the advantage of component level design?
6. State the purpose of configuration audit.
7. Mention the activities of version control.
8. What is W5HH principle?
9. What is meant by Risk projection?
10. Write down the SQA tasks.
11. Name the various Integration testing techniques.
12. What is system testing?

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Describe the waterfall model with neat sketch.

14. Write down the agility principles.

15. Discuss about Requirements validation.

16. Briefly explain the behavioural model.

17. Discuss the activities of component level design.

18. Write about RMMM plan.

19. Illustrate Unit testing technique.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Describe Evolutionary process models with neat sketch.

21. Explain he activities of Requirement engineering.

22. Describe the various steps in user interface design.

23. Describe the software project decomposition techniques.

24. Explain the following :

    (a) Validation testing

    (b) Formal technical reviews.