MAY 2023

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.
2. What is meant by application software?
3. What is prescriptive process model?
4. What is inception?
5. Draw the class diagram for sensor.
6. Define: analysis patterns.
7. What is software configuration audit?
8. Define the term procedural abstraction.
9. What are the 4 p's of project management?
10. How to estimate a software project?
11. Define the term debugging.
12. Define: Regression testing.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Write a note on legacy software.

14. What are the activities involved in generic process framework? Explain.

15. Explain the steps required to establish groundwork for software requirement.

16. Discuss in detail about collaborative requirements.

17. Discuss about change control in SCM.

18. Explain W5HH principle.

19. Write short notes on unit testing.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Discuss about evolutionary process model.

21. Describe in detail about data modeling concepts.

22. Explain component level design of a software.

23. Explain briefly about decomposition techniques.

24. Illustrate strategic approach for software testing.

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