

NOVEMBER 2018

51310/SAZ5B

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define : Software Engineering.
2. What is portability?
3. Define COCOMO model.
4. What is data dictionary?
5. Compare verification and validation.
6. What is Inspection?
7. Define Type checking.
8. What is data design?
9. What is UNIT Testing?
10. List down any four design notations.
11. What are the steps for Software Life Cycle?
12. What is Configuration Management?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Discuss about size factors in Software Engineering.
14. Explain the important activities of project planning.
15. Discuss any one software cost estimation techniques.
16. Write a note on Milestones and Walkthrough.
17. Explain the concept of concurrency mechanism.
18. What is Quality Assurance? Explain in detail about SQA.
19. Explain about automated tools for software maintenance.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain the phased model of the Software Life Cycle.
21. Explain about formal specification techniques with examples.
22. Discuss the design notation in detail.
23. Explain about formal languages for requirements specification.
24. Describe the source-code metrics with examples.

IN BCA → Software Engineering

