Register Number

SOFTWARE TESTING

Time : 3 Hours]

[Max. Marks : 100

Instructions : (i) Answer any **six** questions from PART – A. Each carries **5** marks.
(ii) Answer any **seven** full questions from PART – B. Each carries **10** marks.

PART – A

1. Explain the challenges faced in software projects. 5

2. List the tasks handled by testing professionals. 5

3. Explain Field Trial Testing. 5

4. What is Beta testing ? Explain briefly. 5

5. Write a note on Performance/Load testing. 5

6. Define static testing. List out the advantages of static testing. 5

7. Explain Boundary value analysis. 5

8. What factors need to be considered while buying a COTS software. 5

9. Write a note on professional ethics. 5

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PART – B

10. Explain V model with a neat diagram.

11. Explain the advantages and disadvantages of in-house testing and out sourcing.   10

12. Describe briefly the levels of testing with a neat sketch.   10

13. Explain formal review process.   10

14. Discuss the different checklists used in static testing.   10

15. Explain the following with examples :   10

    (a) Equivalence partitioning

    (b) Specification Based Testing

16. (a) Describe how to document test cases.   5

    (b) Describe the incident report.   5

17. Explain with a diagram, the change impact analysis in Configuration management.   10

18. Write a note on :

    (a) Defect tracking   5

    (b) Gantt chart   5

19. Explain how tools are introduced in testing process in an organization with the help of a diagram.   10