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Code : 15CS61T

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VI Semester Diploma Examination, Nov./Dec. 2018

SOFTWARE TESTING

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Answer any six full questions from Part – A. Each carries 5 marks.
(2) Answer any seven full questions from Part – B. Each carries 10 marks.

PART – A

BETA CONSOLE!

Diploma - [All Branches]

Beta Console Education

3+

1. What is software testing ? Differentiate between debugging and bebugging. 5
2. List task handled by testing professionals. 5
3. Explain Beta testing in brief. 5
4. Explain the following :
(i) Regression Testing
(ii) Gorilla Testing 5
5. What are the advantages of static testing ? 5
6. Explain code optimization guidelines. 5
7. Describe how to document test case. 5
8. Explain classification of defects. 5
9. Mention criteria for selecting testing tools. 5

PART - B

10. List advantages and disadvantages of In-house testing and Outsourcing.

11. Explain the following :

- (i) Test oracle
- (ii) Psychology of testing

12. Explain levels of testing and corresponding test plans with a neat diagram.

10

13. What is structural testing ? Explain structural testing at module level and system level.

BETA CONSOLE!

10

14. Discuss following in brief :

- (a) Informal reviews
- (b) Walkthroughs



Diploma - [All Branches]

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10

15. Explain boundary value analysis with example.



Diploma Question Papers [2015-19]

Beta Console Education

10

16. (a) Describe the incident report.

(b) Explain how to design test case.

5

5

17. Explain with a diagram change impact analysis in configuration management.

10

18. (a) What are the responsibilities of Test manager ?

(b) Explain defect tracking in brief.

5

5

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

10