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Question Paper Code: 44202

B.E. / B.Tech. DEGREE EXAMINATION, AUGUST 2021

Fourth Semester

Computer Science and Engineering

14UCS402 - SOFTWARE TESTING

(Regulation 2014)

Duration: 1:45 hour

Maximum: 50 Marks

PART A - (10 x 2 = 20 Marks)

(Answer any ten of the following questions)

1. Define Testing.
2. What do you mean by Test case?
3. What are the knowledge sources for Black box testing?
4. List the methods of White box testing.
5. List the issues of class testing.
6. What are the advantages of bottom up integration?
7. What are test deliverables? List few of them.
8. Define a Work Breakdown Structure (WBS).
9. Define Defect Removal Leverage (DRL).
10. Define test harness
11. What is meant by scenario testing?
12. What is the role of manager in support of test group?

13. What is the use of test log?
14. Name any two test metrics.
15. What is the purpose of test specific status meeting?

PART – B (3 x 10= 30 Marks)

(Answer any three of the following questions)

16. Write about software testing principles. (10)
17. Explain equivalence class partitioning and boundary value analysis. (10)
18. Explain about the security testing in software testing. (10)
19. Explain all the IEEE 829 listed test plan components in software testing. (10)
20. Explain software configuration management in detail. (10)