

USCST11.4 - Paper-I - Elective-IV - Computer Science-I : Software Testing

P. Pages : 2

Time : Three Hours



GUG/W/23/13348

Max. Marks : 50

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram and use supporting data wherever necessary.
 3. Avoid vague answers and write specific points/answer related to questions.

Either:

1. a) Explain in detail about the Origins of Defects. **5**
b) What is The Defect Repository? Write in detail. **5**

OR

- c) Write in detail about Tester Support for Developing a Defect Repository. **5**
d) Explain the concept of Testing as a Process in detail. **5**

Either:

2. a) Write in detail White Box Approach to Test Case Design. **5**
b) Explain in detail Boundary Value Analysis. **5**

OR

- c) Write a short note on following. **5**
i) Decision tables.
ii) Equivalence Class Partitioning.
d) What is Coverage and Control Flow Graphs? Write in detail. **5**

Either:

3. a) Explain in brief about Unit Test Planning. **5**
b) Elaborate Usability and Accessibility testing. **5**

OR

- c) Write in short. **5**
i) Performance testing.
ii) Regression Testing.
d) Explain in detail the Integration Test Planning. **5**

Either:

4. a) What is test process? Explain in detail. 5
b) What are the various Test Plan Attachments? Write in detail. 5

OR

- c) What is meant by test management? Explain. 5
d) Write in detail about People and organizational issues in testing. 5
5. Attempt all questions.
- a) Write a short note on Defect Classes. 2½
b) Explain in short Random Testing. 2½
c) Explain in short about Website testing. 2½
d) Write the name of testing services. 2½
