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Question Paper Code : 95315

5 Year M.Sc. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2015.

Seventh Semester

Software Engineering

ESE 071 — SOFTWARE TESTING

(Regulations 2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. List down the four components of software development process and give the definition for any one.
2. What are the components of testing strategy?
3. What is meant by defects? Mention their types.
4. Differentiate manual testing from automatic testing.
5. Define Regression Testing. Give the example.
6. Define the term snapshot.
7. Mention the various levels of testing for scripts.
8. Write down the primary objectives of testing during the requirement phase.
9. List down the various levels of documentation.
10. What are the major concerns in multiplatform testing?

PART B — (5 × 16 = 80 marks)

11. (a) Explain in detail software testing assessment workbench with block diagram.

Or

- (b) Discuss on developing a test strategy in detail.

12. (a) Discuss on eight considerations in developing testing methodologies.

Or

- (b) Explain the various techniques involved in structural system testing.

13. (a) What are the types of techniques useful in performing functional testing? Explain in detail.

Or

- (b) Explain the objectives of appointing managers for testing tools in detail.
14. (a) Describe the eleven-step software testing process with neat block diagram.

Or

- (b) Explain the seven-task approach to assess the effectiveness of system testing in detail.
15. (a) Describe a testing strategy for rapid application development.

Or

- (b) Discuss on workbench for testing a data ware house with neat diagram.
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