Computer Department

Name of Programme: - CO

Name of Course: - Software Testing(SEM-V)

Course Outcome. – Apply various software testing methods.

Assignment –I

2 Marks Questions.

1. Define Software Testing and Role of testing.
2. What are bugs? list software failure term and explain.
3. Differentiate betweenVerification and Validation.
4. Differentiate between Static and Dynamic Testing.
5. Differentiate between Quality Control and Quality Assurance.

4 Marks Questions.

1. Explain White box testing with its classification.
2. Explain Black box testing with its classification.
3. Explain Boundary value analysis with example.
4. Explain Equivalence Partitioning with example.
5. Explain V-model with example.

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2 Marks Questions.

Assignment –II

1. Explain Top-down approach and Bottom-up approach.
2. Define Performance Testing, Stress Testing and Load Testing.
3. Write difference between Alpha testing and Beta testing. 4. Describe usability testing.
5. State levels of Software testing.

4 Marks Questions.

1. Explain Unit Testing in detail.
2. Explain Integration Testing in detail.
3. Explain the term of beta testing. with its advantages.
4. Explain Web based testing with diagrams.
5. Explain Forward and Backward Compatibility.

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Assignment – III

2 Marks Questions.

1. **What are the criteria for testing?**
2. **What is the need for staffing and training?**
3. **What are the resource requirements?**
4. **what are to be considered for test team management.**
5. **What is Scope management?**

4 Marks Questions.

1. **Define test planning and how to prepare test plans?**
2. **Explain Deciding test approaches.**
3. **Explain the concept of test deliverables.**
4. **What is the test process?**
5. **How to create a test summary report.**

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Assignment – IV

2 Marks Questions.

  1. Write Defect classification ?
  2. Explain the concept of work product wise.
  3. Explain types of error.
  4. Write needs of automation testing tools.

4 Marks Questions.

  1. Explain Defect Life cycle?
  2. Explain the Defect Management process.
  3. How to select testing tools.
  4. How to Write a Defective Report.
  5. What are the defect reporting templates?

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