

(CO3)

- (a) Technical Review
- (b) Management Review
- (c) Code Review
- (d) Walkthrough

- 1-d. Which defect state indicates the defect has been fixed and is ready for the tester to verify. (CO4) 1
- (a) New
 - (b) Open
 - (c) Resolved
 - (d) Closed
- 1-e. What is the purpose of a Continuous Integration (CI) tool in software development. (CO5) 1
- (a) To manage project tasks and defects.
 - (b) To automate the process of integrating code changes into a shared repository.
 - (c) To analyze code for potential defects or vulnerabilities.
 - (d) To facilitate collaboration among team members.

2. Attempt all parts:-

- 2.a. Describe the responsibilities of Test Lead. (CO1) 2
- 2.b. Explain different Activities done by stakeholder. (CO2) 2
- 2.c. Define Requirement Reviews. (CO3) 2
- 2.d. Define Development in SDLC. (CO4) 2
- 2.e. Define different Performance Testing Tools. (CO5) 2

SECTION B

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3. Answer any three of the following:-

- 3-a. Explain types of Test Closure Activities. (CO1) 5
- 3-b. Describe Key Steps in Project Risk Management. (CO2) 5
- 3.c. Explain the following: (i)Code Reviews (ii) Design Reviews (iii)Requirement Reviews. (CO3) 5
- 3.d. Explain the following: (i) Requirement Analysis (ii)Planning (iii)Feasibility Study (CO4) 5

- 3.e. Explain the following:(i) Performance Testing Tools(ii)Security Testing in testing Tools. (CO5) 5

SECTION C

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4. Answer any one of the following:-

- 4-a. Explain Equivalence Class Testing with Example. (CO1) 4
4-b. Explain Pairwise Testing with Example. (CO1) 4

5. Answer any one of the following:-

- 5-a. Describe Machine Learning Techniques. (CO2) 4
5-b. Describe Coverage-Based Prioritization. (CO2) 4

6. Answer any one of the following:-

- 6-a. Differentiate between Requirement Reviews and Design Reviews. (CO3) 4
6-b. Differentiate between General Review Metrics and Code Review Metrics. (CO3) 4

7. Answer any one of the following:-

- 7-a. Describe Defect States with proper Example. (CO4) 4
7-b. Describe Strategies for Management. (CO4) 4

8. Answer any one of the following:-

- 8-a. Describe different Key Categories of Tool Metrics. (CO5) 4
8-b. Explain different functional testing tools. (CO5) 4