

ISLAMIAH COLLEGE [AUTONOMOUS] - VANIYAMBADI

END SEMESTER EXAMINATIONS – MAY - 2020

Time: 3 Hrs

Max. Marks: 75

Subject Code: U5SW6001

Subject: Software Testing Techniques

PART - A (10 X 2 = 20)

Answer ALL the Questions

1. Define Software Testing.
2. Define error.
3. What is Feature Points Counting?
4. Name few paths testing expression.
5. Define Load test.
6. Define static analysis.
7. Expand: SIMD, MIMD.
8. List the advantage and disadvantage of Performance testing.
9. Define the term inconsistent.
10. Define Unit testing.

PART - B (5 X 5 = 25)

Answer ALL the Questions

11. (a) Explain Testing during implementation phase.
(Or)
(b) What are the three quality aspects of software quality?
12. (a) Explain High Level Design Phase.
(Or)
(b) Discuss the term “Well formed” and “Ill Formed”

13. (a) Distinguish control flow graphs with flow charts.

(Or)

- (b) Briefly explain the prescription for the troublesome cases.

14. (a) Explain Load testing and Functional testing.

(Or)

- (b). Discuss sensitization.

15. (a) Describe the bug assumption for domain testing.

(Or)

- (b) What is random testing? Explain.

PART - C (3 X 10 = 30)

Answer any THREE Questions

16. Discuss in detail data bugs.
17. Explain Software Engineering Best Practices.
18. What are the challenges in Performance Testing? Explain in detail.
19. Explain transaction flows in details.
20. Discuss the domains and paths in domain testing.

**Due to COVID-19 Pandemic
Sanitize Your Hands
Wear Face Mask
Follow Social Distancing Norms**