

22518

12425

3 Hours / 70 Marks

Seat No.

--	--	--	--	--	--	--	--

- Instructions :**
- (1) All Questions are *compulsory*.
 - (2) Answer each next main Question on a new page.
 - (3) Illustrate your answers with neat sketches wherever necessary.
 - (4) Figures to the right indicate full marks.
 - (5) Assume suitable data, if necessary.
 - (6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any FIVE of the following :

10

- (a) Define following terms :
 - (i) Defect
 - (ii) Error
- (b) State stress testing.
- (c) Enlist benefits of test plan.
- (d) State any two difference of white box testing and black box testing.
- (e) List different types of defect classification.
- (f) State manual testing.
- (g) Enlist objectives of software testing. (any 4)

2. Attempt any THREE of the following :

12

- (a) Describe entry criteria and exit criteria of software testing.
- (b) Differentiate between Alpha Testing and Beta Testing.



- (c) State the content of “Test Summary Reports” used in test reporting.
- (d) State advantages and disadvantages of Automation Testing. (any 4)

3. Attempt any THREE of the following : 12

- (a) State “V” model with diagram.
- (b) Describe need of staffing and training.
- (c) Draw defect lifecycle. State the working of each phase.
- (d) State need of metrics and measurement.

4. Attempt any THREE of the following : 12

- (a) Describe the driver and stub with example.
- (b) Describe test infrastructure management.
- (c) Describe steps to prepare test plan.
- (d) Enlist and describe criteria for selecting testing tools with its description.
- (e) State difference between Top-Down integration testing and Bottom-Up testing.

5. Attempt any TWO of the following : 12

- (a) Design test case for booking or reserving seat in railway travelling from Mumbai to Delhi. (any six valid test cases)
- (b) With respect to client-server testing design test case for resource sharing e.g. printer.
- (c) Elaborate concept of manual testing. Describe with suitable example.

6. Attempt any TWO of the following : 12

- (a) Design test case for admission form of your institute. Consider fields : Name, SSC Percentage, Mobile No., Address, Aadhar No.
 - (b) Prepare test plan along with test summary report for Gmail Login Page.
 - (c) Prepare defect report after executing test case for withdrawn of amount from ATM Machine.
-