

22518

23124

3 Hours / 70 Marks

Seat No.

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

- Instructions :**
- (1) All Questions are *compulsory*.
 - (2) Illustrate your answers with neat sketches wherever necessary.
 - (3) Figures to the right indicate full marks.
 - (4) Assume suitable data, if necessary.

Marks

1. Attempt any FIVE of the following :

10

- (a) Compare verification and validation (any 2 point).
- (b) Define failure, error, fault, bug.
- (c) List the objectives of software testing. (any four)
- (d) Define Driver and stub.
- (e) What is GUI testing ? Give one example.
- (f) Write any two root causes of defect.
- (g) Enlist any four software testing tools.

2. Attempt any THREE of the following :

12

- (a) State the Entry and Exit criteria's for the software testing.
- (b) Illustrate process of bi-directional integration testing. State its two advantages & disadvantages.
- (c) Enlist any four attributes of defect. Describe them with suitable example.
- (d) Describe any four factors for selecting a testing tools.



- 3. Attempt any THREE of the following : 12**
- (a) Differentiate between alpha testing and beta testing. (any four points)
 - (b) Prepare test plan for Notepad application. (Windows based)
 - (c) Explain defect management process with suitable diagram.
 - (d) State & explain any four benefits of automation in testing.
- 4. Attempt any THREE of the following : 12**
- (a) What is boundary value analysis ? Explain with suitable example.
 - (b) Explain the Regression testing. State when the Regression testing shall be done.
 - (c) What is test plan ? What is its need ? List test planning activities.
 - (d) Prepare defect report for login field of email application.
 - (e) State any four limitations of manual testing.
- 5. Attempt any TWO of the following : 12**
- (a) Describe V-model with labelled diagram.
 - (b) Describe with one example each :
 - (i) Load testing
 - (ii) Stress testing
 - (c) Prepare six test cases for marketing site www.flipkart.com.
- 6. Attempt any TWO of the following : 12**
- (a) Explain client-server testing with suitable diagram.
 - (b) Write important six test cases for the 'Login Form' of the Facebook website.
 - (c) Describe defect life cycle with neat diagram.
-