

22518

23242

3 Hours / 70 Marks

Seat No.

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- 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) Enlist objectives of software testing.
- (b) Compare Alpha testing and Beta testing. (Any two differences)
- (c) Define a test plan.
- (d) List any four skills of software tester.
- (e) State the classification of defects.
- (f) State the need of automated testing tool. (Any two)
- (g) Define the terms error and defect in relation with software testing.

2. Attempt any THREE of the following :

12

- (a) Write any four differences between quality assurance and quality control.
- (b) Explain GUI testing with example.
- (c) Describe the contents of "Test Summary Report" used in test reporting.
- (d) Differentiate between static and dynamic testing tools. (any four points)



- 3. Attempt any THREE of the following : 12**
- (a) Distinguish between white box testing and black box testing. (any four points)
 - (b) Explain the need of test deliverables & test plan for test planning.
 - (c) Explain defect management process with suitable diagram.
 - (d) Give any four differences between manual and automated testing. (Any 4 points)
- 4. Attempt any THREE of the following : 12**
- (a) State the process of performance testing.
 - (b) Explain people management in test planning.
 - (c) Explain test infrastructure management with its component.
 - (d) Describe any four limitations of manual testing.
 - (e) Describe acceptance testing with its advantages.
- 5. Attempt any TWO of the following : 12**
- (a) Prepare and write six test cases for Library Management System of college.
 - (b) With the help of diagram, describe client-server testing.
 - (c) How to select a testing tool ? Explain in detail.
- 6. Attempt any TWO of the following : 12**
- (a) Explain the need of stubs and drivers with diagram and its importance in software testing.
 - (b) Explain in detail, how to prepare a test plan with suitable example.
 - (c) Draw a diagram for defect life cycle and write example for defect template.
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