

# 22518

**12526**

**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.
- (5) Use of Non-programmable Electronic Pocket Calculator is permissible.
- (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) List the objectives of testing.
  - b) Define : Drivers and stub.
  - c) Enlist any four test plan activities.
  - d) Enlist methods of testing.
  - e) State classification of defects based on estimated impact.
  - f) Enlist the types of test automation tools.
  - g) Define :
    - i) Defect
    - ii) Error
- 2. Attempt any THREE of the following :** **12**
- a) Describe different skills required for becoming a good tester.
  - b) Explain performance testing. Also state its criteria.
  - c) Describe test deliverables in detail.
  - d) State and explain any four benefits of automation testing.

P.T.O.

- 3. Attempt any THREE of the following :** **12**
- a) Explain static white box testing with example.
  - b) Explain types of test report. Write contents of test summary report.
  - c) Explain defect life cycle with neat labelled diagram.
  - d) Enlist factors considered for selecting a testing tool for test automation.
- 4. Attempt any THREE of the following :** **12**
- a) Describe security testing with example.
  - b) Write a short note on test management process.
  - c) Explain Terms :
    - i) Test case specification
    - ii) Defect management process
  - d) Explain need of software testing measurements.
  - e) Describe integration testing with its types.
- 5. Attempt any TWO of the following :** **12**
- a) With help of neat labelled diagram explain 'V' model.
  - b) With help of suitable example, describe client-server testing.
  - c) Distinguish between manual testing and automation testing.  
(Any six points)
- 6. Attempt any TWO of the following :** **12**
- a) Differentiate between alpha and beta testing.
  - b) Prepare detailed test cases on 'Centralized admission process'.
  - c) Describe defect management process with neat labelled diagram.
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