

Day : Tuesday

Time : 02:30 PM-05:30 PM

Date : 06-12-2022

W-24315-2022

Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

Q.1 What are the objectives of testing? Write the different issues while carried out testing and compare between verification and validation. (10)

OR

Q.1 Draw and explain control graph for binary search function. (10)

Q.2 What is data flow testing? Explain feasible paths and test selection criteria in data flow testing. (10)

OR

Q.2 Describe about test plan for system integration testing? (10)

Q.3 Define and give one example of each (10)

- i) GUI test
- ii) Security test
- iii) Regression test
- iv) Stability test
- v) Stress test

OR

Q.3 Explain boundary value analysis with the help of example. (10)

Q.4 List and explain McCall's quality factors and criteria. (10)

OR

Q.4 With neat sketch discuss about TMM. (10)

Q.5 List and explain standards and different methodologies for defect prevention. (10)

OR

Q.5 Explain about FSM based testing of online banking software in detail. (10)

Q.6 Define software automation testing? List and discuss various challenges in automation. (10)

OR

Q.6 With neat diagram describe testing framework. (10)