

Total No. of Questions : 5]

SEAT No. :

**PD1453**

[Total No. of Pages : 2

**[6441]-802**

**T.Y.B.B.A.(CA)**

**CA-602: SOFTWARE TESTING**

**(2019 Pattern) (Semester -VI)**

*Time : 2½ Hours]*

*[Max. Marks : 70*

*Instructions to the candidates:*

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Neat diagram must be drawn wherever necessary.*

**Q1)** Attempt any Eight of the following (out of 10)

**[8×2=16]**

- a) What is Software testing?
- b) What is alfa testing?
- c) What is software metric?
- d) Define unit testing
- e) How to calculating cyclomatic complexity?
- f) What is static testing?
- g) What is GQM?
- h) What is a test case design?
- i) Define load runner.
- j) Define terms Failure and defect?

**Q2)** Attempt any four of the following (out of five)

**[4×4=16]**

- a) Explain any Four testing principles in detail
- b) Explain white box testing and its techniques
- c) Explain top-down and bottom-up integration testing
- d) Explain validation and verification in details
- e) Explain Acceptance testing in details

**Q3)** Attempt any four of the following (out of five)

**[4×4=16]**

- a) Explain performance testing in details
- b) What is difference between client/server testing and web-based testing?
- c) Describe Three common techniques use for testing graphical user interface
- d) Explain software testing life cycle (STLC) in details
- e) Explain boundry value analysis in details

**P.T.O.**

**Q4)** Attempt any four of the following (out of Five)

**[4×4=16]**

- a) Explain concept of SQA?
- b) What is debugging? Explain with its phases
- c) Explain testing fundamental in details
- d) Explain system testing with its type
- e) Explain inspection and walkthrough

**Q5)** Write a short note on Any two of the following (out of three)

**[2×3=6]**

- a) Testing Documentation
- b) Real-Time system
- c) J-Unit

