

Total No. of Questions : 5]

SEAT No. :

P2144

[Total No. of Pages : 2

[5803]-602

T.Y.B.B.A. (C.A.)

CA-602 : SOFTWARE TESTING

(2019 CBCS 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 whenever necessary.*

Q1) Attempt any Eight of the following (Out of Ten) :

[8 × 2 = 16]

- a) Explain terms - Error, Fault and Failure.
- b) Define software testing.
- c) What is structural testing?
- d) How to calculating cyclomatic complexity?
- e) What is verification testing?
- f) Explain types of Acceptance testing?
- g) Define software metrics?
- h) What is user documentation testing?
- i) Define the term SQA.
- j) What is a test case design?

Q2) Attempt any Four of the following (Out of Five) :

[4 × 4 = 16]

- a) What is debugging? Explain with its phases.
- b) Explain in details verification and validation.
- c) What is Black - Box testing? Explain with its techniques.
- d) Write difference between static testing and Dynamic testing.
- e) Explain GUI testing in details.

P.T.O.

Q3) Attempt any Four of the following (Out of Five) : [4 × 4 = 16]

- a) What is difference between client/server testing and web - based testing?
- b) Explain five different level of capability maturity model (CMM).
- c) Explain Acceptance testing in details.
- d) Explain Top - Down and Bottom - UP integration testing in details.
- e) Explain term unit testing.

Q4) Attempt any Four of the following (Out of Five) : [4 × 4 = 16]

- a) Explain testing principles in details.
- b) Explain Load testing and stress testing in details.
- c) Write difference between Quality Assurance (QA) and Quality control (QC).
- d) Explain test case design for login process.
- e) Explain software testing life cycle (STLC) in details.

Q5) Write a short note on Any Two of the following (Out of Three) : [2 × 3 = 6]

- a) Load Runner.
- b) Testing for Real - Time system
- c) Goal - Question - Metric Model (GQM).

