

Total No. of Questions : 5]

SEAT No. :

**PB1892**

[Total No. of Pages : 2

**[6237]-602**

**T.Y.B.Sc.**

**COMPUTER SCIENCE**

**CS - 362 : Software Testing**

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

*Time : 2 Hours]*

*[Max. Marks : 35]*

*Instructions to the candidates:*

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Assume suitable data if necessary.*

**Q1)** Attempt any Eight of the following : **[8×1=8]**

- a) “Debugging starts only after successful conduct of testing. State true or false. Justify.
- b) Define regression testing.
- c) Define configuration testing?
- d) Define stress testing.
- e) Define error.
- f) List any 2 objectives of software testing.
- g) What is agile methodology?
- h) Define Test plan.
- i) Define verification.
- j) Define web application.

**P.T.O.**

**Q2)** Attempt any four of the following : **[4×2=8]**

- a) Describe configuration testing with the help of example.
- b) Write difference between White and Black box testing.
- c) List the features of Agile Testing.
- d) What is integration testing? How it works?
- e) What is Agile Manifesto?

**Q3)** Attempt any two of the following : **[2×4=8]**

- a) Explain V-model in detail.
- b) Write a short note on : Dimensions of quality.
- c) What is internationalization testing? Explain its phases diagrammatically.

**Q4)** Attempt any two of the following : **[2×4=8]**

- a) What is alpha and beta testing? Differentiate between them.
- b) What is unit testing? How it works? Explain with example.
- c) Differentiate between system, performance, load testing.

**Q5)** Attempt any one of the following : **[1×3=3]**

- a) What is Web application? How it works? Explain diagrammatically.
- b) What is test case? How to create it? Explain with example.

