

Total No. of Questions : 5]

SEAT No. :

P-1309

[Total No. of Pages : 2

[6055]-402
T.Y. B.Sc. (Semester - VI)
COMPUTER SCIENCE
CS-362 : Software Testing
(2019 Pattern) (CBCS)

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) Define the term errors.
- b) What is stub?
- c) Write a goal of white Box testing.
- d) What is test plan?
- e) Write two methods of Black Box Testing.
- f) Write dimensions of quality.
- g) What do you mean by performance Testing?
- h) Write a goal of unit testing.
- i) Which is a core agile principle?
- j) Define the term Regression Testing.

Q2) Attempt any four of the following :

[4 × 2 = 8]

- a) Write an advantages of white box testing.
- b) Explain the working of web application.
- c) Explain various forms of acceptance testing.
- d) Write features of agile testing.
- e) Explain various types of system testing.

P.T.O.

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

- a) Explain the difference between Testing and Debugging.
- b) What is Cyclomatic complexity and Graph matrix? Explain with example.
- c) Explain the process of stress testing with example.

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

- a) Define navigation testing. How to test navigation syntax and semantics?
- b) Define the term test case. Explain with example test case.
- c) Compare verification and validation.

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

- a) Explain the various phases of internationalization testing.
- b) Difference between Alpha and Beta Testing.

