

Total No. of Questions : 5]

SEAT No. :

P-1314

[Total No. Of Pages : 2

[6055]-407

T.Y.B.Sc. (Computer Science)

CS - 3610: Software Testing and Tools

(Semester-VI) (2019 Pattern) (Paper VII) (CBCS)

Time : 2 Hours]

[Max. Marks : 35

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

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

[8 × 1 = 8]

- a) Define smoke testing.
- b) Define code coverage with formula.
- c) Enlist any two bug tracking tool.
- d) Explain test plan.
- e) Enlist any two types of loop testing.
- f) Enlist any two objective of writing test cases.
- g) What are functional defects?
- h) Enlist any two types of defects.
- i) What is automation testing?
- j) Silk test is most popular testing tool specifically design for regression and functionality testing. State true or false.

Q2) Attempt any Four of following (out of Five):

[4 × 2 = 8]

- a) Enlist any two feature of bugzilla.
- b) Write any two advantages of branch coverage.
- c) What is test summary report?
- d) Write any two causes of defect.
- e) Write any two limitations of manual testing.

P.T.O

Q3) Attempt any Two of following (Out of Three):

[2 × 4 = 8]

- a) What are entry and exit criteria?
- b) Explain path coverage testing.
- c) Explain design defects with its different types.

Q4) Attempt any Two of following (Out of Three):

[2 × 4 = 8]

- a) Write test plan for the functionality of Flipkart login page.
- b) Explain winrunner tool.
- c) Consider following code-

```
Inpur (int x,int y){
```

```
Sub=x-y;
```

```
If(sub>0)
```

```
Print("Positive")
```

```
else
```

```
Print("Negative")
```

```
}
```

Test case 1: x = 10, y = 03

Test case 2: x = 10, y = 15

Consider the above test cases and find the percentage of statement coverage.

Q5) Attempt any One of following (Out of Two):

[1 × 3 = 3]

- a) Explain severity defect with its types.
- b) What are unit testing and load testing.

