

Total No. of Questions : 8]

SEAT No. :

PD4587

[6404]-92

[Total No. of Pages : 2

B.E. (Computer Engineering)

SOFTWARE TESTING & QUALITY ASSURANCE

(2019 Pattern) (Semester - VII) (410245D) (Elective - IV)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Solve Q1 or Q2, Q3 or Q4, Q5 or Q6, and Q7 or Q8.
- 2) Figures to the right indicate full marks.
- 3) Assume suitable data, if necessary.
- 4) Neat diagrams must be drawn wherever necessary.

Q1) a) State in your own words White Box Testing. [6]

b) How would you explain performance & security testing? [6]

c) Explain Risk Based Testing in detail. [6]

OR

Q2) a) State in your own words Black Box Testing. [6]

b) Can you explain compatibility testing & security testing? [6]

c) What do you think about Exploratory testing. [6]

Q3) a) Can you clarify quality management system. [6]

b) Illustrate selenium's IDE and explain in detail. [6]

c) Can you clarify different levels of CMM. [5]

OR

P.T.O.

- Q4)** a) Explain why ISO-9001 standard and its importance in software testing. [6]
b) Can you clarify Quality Assurance. [6]
c) Why software has defects? Explain in detail. [5]

- Q5)** a) What is performance testing. What is use of it? [6]
b) Illustrate selenium tool suite in detail. [6]
c) How would you explain Selenium Web Driver? Explain it. [6]

OR

- Q6)** a) Explain Robotic process Automation in detail. [6]
b) How to choose automation testing tools. Explain it. [6]
c) Can you explain Selenium Grid in detail. [6]

- Q7)** a) Explain in detail six sigma characteristics in details. [6]
b) Can you explain how to maintain SQA? [6]
c) Explain Detect Removal Effectiveness in detail. [5]

OR

- Q8)** a) Compare Ishikawa's flow chart and Histogram tool. [6]
b) Explain in detail Total Quality Management. [6]
c) Compare Run Chart's and Control Chart in details. [5]

