

Total No. of Questions : 8]

SEAT No. :

PA-921

[Total No. of Pages : 2

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**B.E. (Computer) (Semester - VII)**  
**SOFTWARE TESTING & QUALITY ASSURANCE**  
**(2019 Pattern) (Elective - IV) (410245 D)**

*Time : 2½ Hours]*

*[Max. Marks : 70*

*Instructions to the candidates :*

- 1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*

- Q1)** a) What do you think about static techniques? [6]
- b) State in your own words Error guessing and exploratory testing. [6]
- c) How would you explain System Testing and Acceptance Testing? [6]

OR

- Q2)** a) Can you explain path coverage testing & conditional coverage testing. [6]
- b) Identify the importance of Regression Testing & explain it. [6]
- c) Explain in detail performance testing with example. [6]
- Q3)** a) Differentiate between Quality Assurance and Quality Control. [6]
- b) Can you Clarify Quality Management system. [6]
- c) Why software has Defects? Explain in detail. [5]

OR

**P.T.O.**

- Q4)** a) Explain why ISO-9001 standard and it's important in software testing? [6]
- b) Illustrate selenium's IDE and explain in detail. [6]
- c) Can you clarify different levels of CMM. [5]

- Q5)** a) How would you explain selenium IDE explain in detail? [6]
- b) Explain Robotic Process Automation in detail. [6]
- c) Construct different automated testing process. [6]

OR

- Q6)** a) Illustrate selenium tool suite in detail. [6]
- b) Identify different benefits of Automation testing. [6]
- c) How would you explain selenium Web Driver? Explain it. [6]

- Q7)** a) Compare the Ishikawa's Flow chart and Histogram tool. [6]
- b) Explain in detail six sigma characteristics in details. [6]
- c) Can you explain How to maintain SQA? [5]

OR

- Q8)** a) Explain the six sigma characteristics in details. [6]
- b) Explain in detail Total Quality Management. [6]
- c) Compare Run charts and Control chart in detail. [5]

