

Total No. of Questions : 4]

SEAT No. :

P-5199

[Total No. of Pages : 1

[6188]-152

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

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q1 or Q2, Q3 or Q4.*
- 2) *Figure to the right indicate full marks.*
- 3) *Assume suitable data, if necessary.*

- Q1)** a) Define “Quality” as viewed by different stakeholders of software development and usage. [5]
b) Describe “Total Quality Management” Principles of continual improvement. [5]
c) Examine the relationship between Quality and Productivity. [5]

OR

- Q2)** a) Give classification for different types of products. [5]
b) Plan Software Quality control with respect to space research. [5]
c) Compare between tools and techniques. [5]

- Q3)** a) Explain types of test Artifacts. [5]
b) Justify : [5]
i) Green money 1 cost of prevention.
ii) Red money 1 cost of failure.
c) Discuss Integration testing and Acceptance testing. [5]

OR

- Q4)** a) What are the entry and exit criteria of testing. [5]
b) Define and Explain configuration management. [5]
c) Differentiate between verification and validation. [5]
