

Total No. of Questions : 4]

SEAT No. :

PE-196

[Total No. of Pages : 2

[6580]-556

B.E. (Computer Engineering) (Insem.)

**SOFTWARE TESTING AND QUALITY ASSURANCE
(2019 Pattern) (Semester - VII) (Elective- IV) (410245 D)**

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

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

Q1) a) Draw an explain SDLC Life Cycle [5]

b) Differentiate between continuous improvement and continual improvement [5]

c) Plan software quality control with respect to military system. [5]

OR

Q2) a) List and explain different characteristics of software. [5]

b) Explain [5]

i) General requirements

ii) Present requirement

c) Describe Total Quality Management Principle of Continual improvement [5]

- Q3)** a) Explain Role of Test Manager with example. [5]
b) Discuss unit testing & Integration testing. [5]
c) Differentiate between verification & validation. [5]

OR

- Q4)** a) Explain test plan development process. [5]
b) Discuss process to Develop Test Strategy. [5]
c) Write test case for Bank ATM. [5]

