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SEAT No. :

PC-194

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**B.E. (Computer) (Insem.)**

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

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates :*

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

- Q1)** a) Construct SDLC for any real life application. [5]  
b) Write a note on pillars of Quality Management System. [5]  
c) What is the difference between Testing & Debugging. [5]

OR

- Q2)** a) Explain the problematic area of software development life cycle. [5]  
b) List and Explain Quality objectives applicable to software development and usage. [5]  
c) Plan Software Quality Control with respect to college attendance software. [5]
- Q3)** a) Explain the test efficiency and defect rejection. [5]  
b) What are the entry & exit criteria of testing. [5]  
c) Describe cultural changes requirement for Quality improvement. [5]

OR

- Q4)** a) Explain use case testing with one example. [5]  
b) Differentiate between Test plan and Test strategy. [5]  
c) Describe Quality Assurance Process. [5]

