

Total No. of Questions :6]

SEAT No. :

P105

APR. -16/TE/Insem. - 42

[Total No. of Pages :1

**T.E. (Computer Engineering)
SOFTWARE ENGINEERING**

(2012 Pattern) (310252) (Semester - II)

Time : 1Hour]

[Max. Marks :30

Instructions to the candidates:

- 1) Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.
- 2) Neat diagrams must be drawn whenever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data if necessary.

- Q1)** a) What are the elements of Waterfall Process model? State its merits & demerits. [6]
- b) List & explain the practitioners myths and what are their corresponding realities? [4]

OR

- Q2)** a) What are the different key strategies used for Xtreme Programming approach to software development? [6]
- b) Compare the process between the Agile and Evolutionary model. [4]

- Q3)** a) Explain four desirable characteristics of a good Software Requirements Specification (SRS) document. [6]
- b) What do you mean by requirement inception, elicitation and validation? [4]

OR

- Q4)** a) Explain Behavioral model and what types of "states" behavioral model represents? [6]
- b) Explain Class Based modeling with suitable example. [4]

- Q5)** a) Justify "The analysis and design process for user interfaces is iterative". [6]
- b) What are the different types of architectural styles exist for software? Explain any one software architecture in detail. [4]

OR

- Q6)** a) Explain in detail, the need of SAAM (Software Architecture Analysis Method) and its steps. [6]
- b) What do you mean by software Architecture? Explain with suitable example. [4]

