P105

APR. -16/TE/Insem. - 42

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]**

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