

Total No. of Questions : 6]

P2156

SEAT No. :

[Total No. of Pages : 2

TE/Insem./APR-65

T. E. (Computer Engineering)

310252 : SOFTWARE ENGINEERING

(2012 Pattern) (Semester - II)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data, if necessary.*

- Q1)** a) What are the different software myths that the customers and management believe in and what are their corresponding realities? [6]
- b) Explain the concept of software evolution. State the merits and demerits of Agile process model. [4]

OR

- Q2)** a) List and explain the practitioner's myths and what are their corresponding realities? [4]
- b) What are the elements of Waterfall Process model? State its merits and demerits. [6]

- Q3)** a) Write the scope of the user interaction with an ATM system. Design a use case diagram for the same. [5]
- b) What do you mean by requirement inception, elicitation and validation. [5]

OR

- Q4)** a) What is the difference between needs and requirements? What are the problems in requirement validation? [5]
- b) What is collaborative requirement gathering? Explain with suitable example. [5]

P.T.O.

- Q5)** a) Compare the Data Flow and Data Centered Architecture. [5]

- b) Explain in detail the user interface design issues. [5]

OR

- Q6)** a) Justify "A cohesive design should have high cohesiveness and low coupling". [4]

- b) Explain various design concepts considered during design? [6]

