

TE INSEM

MAR 2017

Total No. of Questions :6]

SEAT No :

P206

APR -17/ TE/Insem.-42

[Total No. of Pages :1

**T.E. (Computer Engineering)
SOFTWARE ENGINEERING
(2012 Pattern) (Semester-II)**

Time : 1½ Hour]

[Max. Marks : 30

Instructions to the candidates:

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

- Q1)** a) What are the characteristics of Software? What are the elements of Rapid Application Development model? [5]
b) Explain the importance of documentation in successful solution development and maintenance. [5]
OR
- Q2)** a) What is Agility? List the principles of Agility. [5]
b) Briefly explain the myths and reality associated with practitioner and management in software project. [5]
- Q3)** a) What are the tasks carried out in requirement engineering? Explain in detail. [5]
b) Write the scope of the user interaction with an ATM system. Design a use case diagram for the same. [5]
OR
- Q4)** a) Write the scope of the user interaction with library system. Draw an activity diagram for the same. [5]
b) What is Use Case? How do we identify the events associated with a use case? [5]
- Q5)** a) Explain in detail the user interface design issues. [5]
b) Explain in detail, the need and significance of HASARD (Hazard Analysis of Software Architectural Designs). [5]
OR
- Q6)** a) What is the relationship between architecture and design? How architecture can be mapped to components? [5]
b) Enlist and explain the Webapp design principles in detail. [5]

