

Total No. of Questions : 6]

SEAT No. :

P48

[Total No. of Pages : 2

Oct.-16/TE/Insem.-48
T.E. (Information Technology) (Semester - I)
SOFTWARE ENGINEERING
(2012 Pattern)

*Time : 1 Hour]**[Max. Marks : 30**Instruction to the candidates:*

- 1) *Answer Three questions Q.1 or Q.2, Q.3 or Q.4, Q.5 of Q.6.*
- 2) *Figures to the right indicate full marks.*
- 3) *Assume suitable data, if necessary.*

- Q1)** a) What is Software? Explain different categories of software. [5]
b) What is Software crisis? Explain [5]

OR

- Q2)** a) What is Software Engineering? Write any five objectives of software Engineering? [6]
b) Explain layered technology of Software Engineering. [4]
- Q3)** a) What is Incremental model? How Incremental model can be used for Building a flyover on an extremely busy crossroad. Explain. [5]
b) What are the different phases of Rapid Application Development model. [5]

OR

- Q4)** a) Define Refactoring and Pair-Programming? Mention their advantages. [6]
b) What is agile methodology? What are the benefits of using agile methodology for developers and for business. [4]

P.T.O.

- Q5)** a) What is the difference between Requirement Inception and Requirement Elicitation? Why Requirement Elicitation is difficult? [5]
b) Explain Quality Function Deployment. [5]

OR

- Q6)** a) What is Requirement Prioritization? Draw and explain Kano diagram. [5]
b) What is user story? Which are the INVEST characteristics used in Writing Good user stories? [5]



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