

Total No. of Questions : 10]

SEAT No. :

P3319

[Total No. of Pages : 2

[5353]-194

T.E. (Information Technology) (Semester - I)

SOFTWARE ENGINEERING

(2012 Pattern)

Time : 2½Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10.*
- 2) *Neat diagrams must be drawn whenever necessary.*
- 3) *Figures to the right side indicate full marks.*
- 5) *Assume suitable data if necessary'*

Q1) a) Discuss any five software myths & realities. [5]

b) What is software? Explain different categories of software. [5]

OR

Q2) a) Explain layered technology of software Engineering. [5]

b) Write short note on Perspective process model. [5]

Q3) a) Discuss different Agile practices. [5]

b) What are elements of Design model? What are the elements of architectural design? Explain design principles. [5]

OR

Q4) a) Explain any eight issues consider for designing software. [5]

b) Explain in brief SCRUM roles. [5]

Q5) a) What is user story? which are 3 C's of user story? Give an example [8]

b) What is architectural design? Which are the 5 different models to represent architectural design. [8]

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OR

- Q6)** a) Write short note on Shneiderman's 8 golden rules [8]
b) Mention any 5 design principles. [8]

- Q7)** a) What is Fitt's Law? How is it used in UI design? [8]
b) Write short note on [8]
i) Technology evolution
ii) Collaborative development

OR

- Q8)** a) Mention Thao mandel's Golden rules of user interface design [8]
b) Explain the steps for interface design with example of online student Registration. [8]

- Q9)** a) What is cleanroom software development? Expalin cleanroom software model in detail. [9]
b) What are the different Categories of CASE tools ? Explain with advantages and disadvantages. [9]

OR

- Q10)** a) i) Write short note on test driven development.
ii) What are challenges of Global Software Development? [10]
b) What are the functions of software configuration management repository? How it works? [8]

