

Total No. of Questions : 4]

PC-449

SEAT No. : 33

[Total No. of Pages : 2

[6359]-570

SE. (Computer Science and Engineering (Data Science) (Insem.)
SOFTWARE ENGINEERING AND PROJECT MANAGEMENT
(2019 Pattern) (Semester - III) (210645)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates :

- 1) Answer Q.1 or Q.2, Q.3 or Q.4.
- 2) Neat diagrams must be drawn whenever necessary.
- 3) Figures to the right side indicate full marks.
- 4) Assume the suitable data, if necessary.

- Q1) a) Elaborate how software engineering is a layered technology. [5]
- b) Explain with a neat diagram incremental model and state its disadvantages. [5]
- c) Describe the Unified process. [5]

OR

- Q2) a) Define software engineering. How is software engineering different from hardware engineering? Justify. [5]
- b) What is agility? List any three principles of agility. [5]
- c) What are the umbrella activities of a software process? [5]

- Q3) a) List and explain all the tasks in requirement engineering. [5]
- b) What are the components of a use case diagram? Explain usage of it with example. [5]
- c) Define QFD. Explain the types of requirements defined by QFD. [5]

OR

P.T.O.

- Q4) a) Write a note on Negotiating Requirements. [5]
- b) Design use case diagram for user interaction with ATM system. [5]
- c) Explain the requirement elicitation and requirement elaboration tasks in brief. [5]

[6359]-570

2