Total No. of Questions : 4]

SEAT No. :

PA-4977

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S.E. (Computer /Artificial Intelligence & DataScience)(Insem)
SOFTWARE ENGINEERING
(2019 Pattern) (Semester-II) (210253)

Time : 1 Hour]

[*Max. Marks : 30*

Instructions to the candidates:

1) Solve Q.1 or Q.2, Q.3 or Q.4.
2) Neat Diagram must be drawn wherever necessary.
3) Assume Suitable data if necessary.

Q1) a) List and explain the activities in software process frame work. **[6]**

b) Explain with neat diagram incremental model and state its disadvantages. **[5]**

c) Compare Plan driven and agile approach. **[4]**

OR

Q2) a) Elaborate how software engineering is a layered technology. **[6]**

b) Describe the Unified process. **[5]**

c) What is agility? List any three principles of agility. **[4]**

Q3) a) List all the tasks in requirement engineering. Explain it in brief. **[6]**

b) Define QFD. Explain the types of requirements defined by QFD. **[5]**

c) Design use case diagram for user interaction with ATM system. **[4]**

OR

Q4) a) Explain the importance of Requirement engineering. **[6]**

b) Explain the requirement Elicitation. **[5]**

c) What are the components of use case diagram? Explain usage of it with example. **[4]**

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P.T.O.