Total No. of Questions : 5]

SEAT No. :

**PE-1500**

[Total No. of Pages : 2

# [6502]-302
# S.Y. B.Sc. (Computer Science)
# CS-232 : SOFTWARE ENGINEERING
# (Revised 2019) (Semester - III) (23122)

*Time : 2 Hours]* *[Max. Marks : 35*

***Instructions to the candidates:***

1) ***All questions are compulsory.***
2) ***Figures to the right indicate full marks.***

***Q1)*** Attempt any Eight of the following : **[8 × 1 = 8]**

a) List the objective of structured analysis.
b) What is Software?
c) List any two advantages of DFA.
d) Justify Requirement analysis is iterative process.
e) What is XP?
f) List architectural design elements.
g) What is meant by requirement modeling?
h) Define Artifacts
i) What is class & object.
j) What does ASD stands for?

***Q2)*** Attempt any four of the following : **[4 × 2 = 8]**

a) Define any four agile principles.
b) What is requirement elicitation?
c) Write advantages of Waterfall model.
d) List any four types of UML diagrams.
e) What is meant by developement process.

***Q3)*** Attempt any two of the following : **[2 × 4 = 8]**

a) Explain the layers of Software Engineering.
b) State Difference between structured & unstructured Interviews.
c) Explain unbrella activities in detail.

***P.T.O.***

SPUQuestionPapers.com

***Q4)*** Attempt any two of the following : **[2 × 4 = 8]**

a) Draw use case diagram for Online Movie Ticket Booking.

b) Explain RAD model with its advantages and disadvantages.

c) What are design elements? Explain any two elements in detail.

***Q5)*** Attempt any one of the following : **[1 × 3 = 3]**

a) Draw Activity diagram of ATM.

b) What is modularity? Explain its benefits?

❖❖❖

SPPUQuestionPapers.com