UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2019

Program: B.Tech CSE (DevOps) Semester: V
Course: Agile Practices Time 03 hrs.
Course Code: CSDV 3002 Max. Marks: 100

Instructions: Attempt all Questions

SECTION A

Attempt all questions. Each question carries 4 marks **[20 marks]**

S. No.		Marks	CO
Q1	List the different types of Application and System Software.	4	CO1
Q2	Explain the conflict between Developers and IT Operations	4	CO1
Q3	Differentiate between Scrum Master and Product Owner.	4	CO2
Q4	Describe the benefits of using Scrum.	4	CO2,CO3
Q5	Bring out the Lean values as defined under Lean Thinking.	4	CO3

SECTION B

Attempt all questions. Each question carries 10 marks **[40 marks]**

Q6	List the twelve principles of Agile Manifesto.	10	CO1,CO3
Q7	Elaborate on the importance of Scrum Values and Scrum Theory.	10	CO2,CO4
Q8	Bring out the importance of Soft Skills in Agile.	10	CO4
Q9	Explain the implementation of Kanban in Lean Manufacturing **OR** Elaborate on the various Scrum Events.	10	CO5

SECTION-C

Attempt all questions. Each question carries 20 marks **[40 marks]**

Q10	Analyse the never ending conflict between developers and IT Operations	20	CO2,CO3,CO5
Q11	In case you are part of an IT organization how would you implement the 360 degree approach to Soft Skills in Agile **OR** If you are the Software Lead in an IT firm bring out the steps you would take so as to implement lean methodology for creating value for the customer.	20	CO1,CO4,CO5