UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, May 2020

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

SECTION A

1. **Each Question will carry 5 Marks**
2. **Instruction: Complete the statement / Select the correct answer(s)**

S. No.	Question	CO
Q 1	Lean Values defined under lean thinking are_____,_____,_____,_____,____	CO1
Q2	Different roles of product owner are_____,_____,_____,_____,____.	CO1
Q3	Agile methodology can be implemented through_____,_____,_____.	CO2
Q4	State true or false a) Product Backlog is ordered on the basis of the value they provide to the business. b) There is no role as a Tester in Scrum c) Agility is defined as the ability of a project team to respond rapidly to a change. d) Agile methods seem to work best when team members have a relatively high skill level. e) In agile development it is more important to build software that meets the customers' needs today than worry about features that might be needed in the future.	CO1
Q5	Select the option that suits the Manifesto for Agile Software Development a) Individuals and interactions b) Working software c) Customer collaboration d) Respond to change	CO1
Q6	Fill in the blanks(all in lowercase without space) 1. Agile Marketers follow a process called _____, designed to increase alignment with the business aims of the organization and the sales staff, to improve communication". 2. The Scrum team has a _____ who works with the users and stakeholders to understand their needs. 3. The total of all the product backlogs items completed during a sprint is termed as _____ 4. YAGNI is abbreviated for .... 5. _____ visualizes the work for the current sprint	CO1

SECTION B

1. **Each question will carry 10 marks**
2. **Instruction: Write short / brief notes**

Q 7	What are the practices followed for extreme programming	CO2
Q 8	Differentiate XP from Scrum(5 differences)	CO2
Q 9	Explain the association of refactoring with TDD.	CO3
Q 10	Differentiate Lean methodology from Kanban. Analyze the never ending conflict between developers and IT Operations	CO3
Q 11	Explain the concept Agile marketing with example OR Agile marketing follows a series of steps for product. Explain all the steps	CO4

Section C

1. **Each Question carries 20 Marks.**
2. **Instruction: Write long answer.**

| Q12 | 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.

OR

a) "User stories are important to connect to actual users". Comment.

b) What about tasks and defects? Are they User Stories? | CO4 |