


Name:			
Enrolment No:			
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES Supplementary Odd Semester Examination, December 2023			
Course: Agile Practices		Semester: III	
Program: B.Tech (CSE) with DevOps		Time : 03 hrs.	
Course Code: CSDV 2005		Max. Marks: 100	
Instructions: Attempt All questions.			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	Discuss strength of Agile model over traditional models.	4	CO1
Q 2	Define Scrum Theory and Scrum Values.	4	CO2
Q 3	Write a note on “Digital Transformation”.	4	CO1
Q 4	Describe pair programming and methodology that adopted this practice, while highlighting its benefits and limitations.	4	CO3
Q 5	Explain how does Agile marketing work?	4	CO5
SECTION B (4Qx10M= 40 Marks)			
Q 6	Elaborate with real case scenario on the conflict between developer team and operations team.	10	CO1
Q 7	Describe following, in the context of SCRUM: <ul style="list-style-type: none"> • any two artifacts • Sprint Review • Sprint Retrospective • customer’s feedback collection 	10	CO3
Q 8	Illustrate various Scrum Events with clear processes and examples. OR Discuss how Agile processes promote sustainable development.	10	CO4
Q 9	State how Kanban and Scrum fit in together on the canvas of Agile.	10	CO3
SECTION-C (2Qx20M=40 Marks)			
Q 10	List the twelve principles of Agile Manifesto.	20	CO2
Q 11	You have been engaged as the Technical Coordinator in a product development team. The customer (Product Owner) and Team Leader (Scrum Master) are happy because the team always delivers business value on time. However, you worry that the technical debt is increasing. Explain what would be your primary goal to ensure the right quality?	20	CO5

OR

According to Mike Cohn, “Agile planning balances the effort and investment in planning with the knowledge that we will revise the plan through the course of the project.” Justify this statement.