Name: Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2023

Course: Agile Practices   **Semester: VI**
Program: B.Tech CSE (CCVT/AIML/CSF/GG/Big Data)   **Time   : 03 hrs.**
Course Code: CSDV 3002P   **Max. Marks: 100**
Instructions: Attempt All questions.

SECTION A
(5Qx4M=20Marks)

S. No.		Marks	CO
Q 1	Discuss key principles of SCRUM in Agile development.	4	CO3
Q 2	Define how Agile practices help improve the speed and quality of software development and deployment?	4	CO1
Q 3	Write a note on "Digital Transformation".	4	CO2
Q 4	Describe pair programing and methodology that adopted this practice, while highlighting its benefits and limitations.	4	CO2
Q 5	Explain how does Agile marketing work?	4	CO5

SECTION B
(4Qx10M= 40 Marks)

Q 6	**Agile practices help organizations be more responsive to changing customer needs and market demands.** Justify this statement with example.	10	CO1
Q 7	Discuss the difference in responsibility between a Project Manager and a Scrum Master (Team Leader) in an Agile project?	10	CO2
Q 8	Illustrate use of SCRUM to support continuous improvement and learning in Agile teams? OR Define Agile Marketing, and how does it differ from traditional marketing methodologies?	10	CO4

Q 9	Explain following:
	  a) Extreme Programming
	  b) Pair Programming
		10	CO1

SECTION-C
(2Qx20M=40 Marks)

Q 10	Elaborate the implementation and challenges of Kanban in Agile Development model.	20	CO4
Q 11	Give detailed examples of successful Agile-DevOps implementations in real-world organizations, and what lessons can be learned from these	20	CO5

	experiences?		
	OR		
	Discourse the perception of Project visibility & transparency in Agile development from Customer point of view. Support your justification with an example.		