Name: Enrolment No:	UPES UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2021

Course: DevOps
Program: B.Tech CSE Spz. CCVT
Course Code: CSDV 3006

Semester: VI
Time 03 hrs.
Max. Marks: 100

SECTION A

S. No.		Marks	CO
Q 1	Define DevOps along with its working	**5**	**CO1**
Q 2	State the difference between Agile & DevOps	**5**	**CO1**
Q 3	State the advantages of using DevOps	**5**	**CO1**
Q 4	List the reasons why more companies need to ensure DevOps implementation	**5**	**CO3**
Q 5	Discuss the reasons for using issue trackers	**5**	**CO4**
Q 6	With reference to Docker; explain the implementation of DevOps	**5**	**CO1**

SECTION B

Q 7	Describe in detail the Business drivers for DevOps against challenges versus benefits	**10**	**CO3**
Q 8	State the difference between ScrumMaster and Product Owner	**10**	**CO2**
Q 9	Illustrate the Develop and Test Adoption Path for DevOps	**10**	**CO3**
Q 10	Describe Kanban along with its four pivotal practices	**10**	**CO2**
Q 11	Discuss in detail Scrum Events **OR** Discuss in detail Scrum Roles	**10**	**CO2**

SECTION-C

Q 11	With reference to CI/CD and DevOps answer the following: (a) Define Continuous Integration (b) Define Continuous Delivery (c) Explain Continuous Monitoring (d) Illustrate Continuous Development OR Discuss in detail the seven practices of DevOps.	**[5+5+5+5]** **[20]**	**CO4**