

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

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

Programme Name: CSE DevOps	Semester : 1st
Course Name : DevOps Overview	Time : 03 hrs
Course Code : CSDV1001	Max. Marks : 100
Nos. of page(s) : 01	

Instructions: Section A is of 20 marks, Section B is of 40 marks, Section C is of 40 marks.

SECTION A

S. No.		Marks	CO
Q 1	Is it true that Waterfall model is a complex model? Mention reasons for your view on this.	4	CO1
Q 2	In what way DevOps and Agile are inter related?	4	CO3
Q 3	Fail Fast philosophy of Agile has an advantage. Explain	4	CO2
Q 4	What are the reasons for disconnect between Developer and Operations team?	4	CO3
Q 5	Enlist the purpose of DevOps with use cases.	4	CO4

SECTION B

Q 6	Create Flowchart of Waterfall Method. Explain in detail what happens in 1 st Phase.	10	CO1
Q 7	Write a note on Root Cause Analysis and Infra Automation.	10	CO5
Q 8	Agile and Scrum are relatable. Establish their relation with MVP	10	CO3
Q 9	Automation in DevOps is a result of Utilization of Cloud Computing. Justify the statement.	10	CO4
	Write a detailed note on various delivery models of cloud computing. Support with full stack diagram		

SECTION-C

Q 10	Capture the following aspects : need, philosophy and advantages, of CAMS in an explanatory note.	20	CO5
Q11	Write a detailed note on : a. Sprint b. CI/CD c. Agile Manifesto d. Dev vs Ops e. Measurement	20	CO2, CO3, CO4, CO5