

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

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

Course: BAO and Cloud Program: B.Tech CSE-SPZ-BAO Course Code: CSBA4008	Semester: VII Time: 03 hrs. Max. Marks: 100
----------------------------------------------------------------------------------------------------	------------------------------------------------------------------------

Instructions:

SECTION A

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

S. No.		Marks	CO
Q1	Which of the following type of virtualization is also characteristic of cloud computing? Select one: a. Storage b. Application c. CPU d. All of the above	5	CO1
Q2	Which of the following is another name for the system virtual machine? Select one: a. Hardware virtual machine b. Software virtual machine c. Real machine d. None of the mentioned	5	CO2
Q3	_____ computing refers to applications and services that run on a distributed network using virtualized resources. a) Distributed b) Cloud c) Soft d) Parallel	5	CO3

Q4	Which of the following is Cloud Platform by Amazon? Select one: e) Azure f) AWS g) Cloudera h) All the above	5	CO4
Q5	Which of the following is the IaaS service provider? Select one: a. EC2 b. EC1 c. EC10 d. Hybrid	5	CO4
Q6	Which of the following network resources can be load balanced? Select one: a. Connections via intelligent switches b. DNS c. Storage Resources d. All the above	5	CO2
SECTION B			
1. Each question will carry 10 marks 2. Instruction: Write short / brief notes			
Q7	What is a Hypervisor? Explain its features.	10	CO1
Q8	Differentiate between Network and Application virtualization in detail.	10	CO2
Q9	Explain the concept of Grid computing in detail.	10	CO3
Q10	Discuss the concept of Public and Private cloud in a cloud computing environment.	10	CO3
Q11	What are the IBM visions for cloud analytics? Discuss.	10	CO4
SECTION-C			
1. Each Question carries 20 Marks. 2. Instruction: Write long answer.			
Q12.	What are the features of IBM Smart Cloud? Discuss in complete detail with suitable examples.	20	CO4