

Name:

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.	_____ as a utility is a dream that dates from the beginning of the computing industry itself. Select one: a. Model b. Computing c. Software d. All of the above	5	CO1
Q2.	An operating system running on a Type _____ VM is full virtualization. Select one: a. 1 b. 2 c. 3 d. 4	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: a. Azure b. AWS c. Cloudera d. All the above	5	CO4
Q5.	Which of the following architectural standards is working with cloud computing industry? a. Service-oriented architecture b. Standardized Web services c. Web-application frameworks d. All of the mentioned	5	CO2
Q6.	Which of the following software can be used to implement load balancing? Select one: a. Apache mod_balancer b. Apache mod_proxy_balancer c. F6's BigIP d. All of the mentioned	5	CO2

SECTION B

1. Each question will carry 10 marks

2. Instruction: Write short / brief notes

Q7.	What type of hypervisor is VMware? Explain.	10	CO1
Q8.	Differentiate between Desktop and Application Virtualization in detail.	10	CO2
Q9.	Why do we use Grid Computing? Explain the concept of Grid Servers in detail.	10	CO3
Q10.	Discuss the concept of Private and Hybrid cloud in a cloud computing environment.	10	CO3
Q11.	What are the visions of IBM for cloud analytics in case of enterprise?	10	CO4

SECTION-C

- 1. Each Question carries 20 Marks.**
- 2. Instruction: Write long answer.**

Q12.	Explain the following concepts in detail: a. IBM SmartCloud b. Cloud Service Deployment Models	20	CO4
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