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

Course: Cloud Computing   **Semester: VI**
Program: Bachelor of Computer Applications   **Time 03 hrs.**
Course Code: CSVT 3003   **Max. Marks: 100**

SECTION A
1. **Each question will carry 5 Marks**
2. **Complete the statements / Select the correct answers**

S. No.		CO
Q 1	_____ as a service is at the base of the Cloud pyramid.	**CO2**
Q 2	Multitenancy refers to _____	**CO1**
Q 3	_____ provides services for developing and deploying applications	**CO2**
Q 4	Web Based Software, On Demand Software and Hosted Applications are examples of _____ applications.	**CO2**
Q 5	Abstraction, replication and isolation are purpose of _____.	**CO4**
Q 6	Hardware-independence of _____ achieved through virtualization.	**CO4**

SECTION B
1. **Each question will carry 10 Marks**
2. **Instruction: Write short / brief notes. Make diagrams wherever needed.**

Q 7	Describe the process of storing and sharing files of a database in cloud environment with required diagrams.	**CO3**
Q 8	What is bare metal architecture? Describe it in detail.	**CO4**
Q 9	What is VMM? Discuss how it can bypass the host operating system in a hosted architecture.	**CO4**
Q 10	Discuss the relative advantage and disadvantage of different types of clouds.	**CO1**
Q 11	Describe, how collaboration may be done via social networks.	**CO3**

SECTION-C
1. **Each question carries 20 Marks**
2. **Instruction: Write long answers. Make diagrams wherever needed.**

Q 12	Explain in details how security can be provided as a service in cloud environment. Describe the different tasks of the Distributed task force. (12+8)	**CO5**

		OR	
		What are the different challenges faced while providing cloud security? Discuss in details.	