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| Name: |  |
| Enrolment No: | |

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

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| Course: B. Tech. CSE with IFM Subject: Cloud Architecture and Deployment Models Subject Code: CSVT 2006 | Semester: VI Time: 03 hrs. Max. Marks: 100 |
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SECTION A

| S. No. | | Marks | CO |
|--------|---|-------|-----|
| Q1 | What is hypervisor? | 5 | CO1 |
| Q2 | Discuss how server sprawling helps manage IT infrastructure? | 5 | CO2 |
| Q3 | Discuss the various features of Cloud Computing | 5 | CO1 |
| Q4 | What is S3 in AWS cloud? | 5 | CO4 |
| Q5 | Discuss instruction set architecture with reference to virtual Machine. | 5 | CO1 |
| Q6 | What is Multitenancy in Cloud? | 5 | CO3 |

SECTION B

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| Q7. | List the various components of Classic Data Centre with the help of a suitable diagram. | 10 | CO1 |
| Q8. | Explain different types of hypervisors. | 10 | CO2 |
| Q9. | What is the difference between the block and object storage. | 10 | CO4 |
| Q10 | Explain IAM and its usage in cloud computing. | 10 | CO3 |
| Q11 | Draw NIST CCRA full diagram and explain each label. Or Explain the architecture diagram of Open Stack private cloud. | 10 | CO5 |

SECTION C

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| Q12. | Explain the various cloud service delivery models Or Explain various cloud deployment models. | 20 | CO4 |
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