

APJ ABDULKALAM TECHNOLOGICAL UNIVERSITY



Q. P. Code:

(Pages: 2)

Name:

Reg. No:

FIRST SEMESTER M.TECH. DEGREE EXAMINATION , DECEMBER 2023

Branch: Computer Science and Engineering

Specialisation: Computer Science

221ECS 002 CLOUD COMPUTING

Time: 2Hrs 30 Mts

Max. Marks: 60

PART A

Answer all questions. Each Question Carries 5 Marks

| Q. No. | | Marks |
|---------------|--|--------------|
| 1. | Differentiate Conventional Server and Virtual Server | 5 |
| 2. | What is meant by Deployment Models of Virtualization? | 5 |
| 3. | Define Hadoop file systems | 5 |
| 4. | Define Security architecture design for Cloud Computing. | 5 |
| 5. | What is Trust management in Cloud Computing ? | 5 |

PART B

Answer any FIVE questions. Each Question Carries 7 Marks

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| 6 | Differentiate the cloud models such as : SaaS, PaaS and IaaS | 7 |
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7. Illustrate the NIST cloud computing reference model 7
- 8 Explain the Levels of Virtualization. What is meant by middleware support for Virtualization. 7
- 9 How do CPU Virtualization and I/O Virtualization effected in Cloud. 7
10. Discuss the important features of Big Table and NOSQL ? 7
11. Where do we apply the Eucalyptus and Open Nebula in Cloud Computing.? 7
12. Describe Identity and Access Management Architecture (IAM) pactices . 7
