Course: Cloud Computing

Candidate’s College Roll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**2. Explain relevant theory in brief in your answer book. Draw imp figures/equations**

**3. Write conclusion of the experiment very clearly, precisely.**

**4. Any electronic material like mobile, smart watch not allowed.**

**5. Any malpractice will be reported to the Exam Dept.**

|  |  |  |
| --- | --- | --- |
| 1 | What is an IaaS?  Demonstrate IaaS using FOSS. (make ubuntu in foss)  Which FOSS installation you used for completing the experiment? | 40 |
| 2 | Journal | 05 |
| 3 | Viva | 05 |

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|  |  |  |
| --- | --- | --- |
| 1 | What is an IaaS?  Demonstrate IaaS using GCP/AWS. (use amazon ec2)  Which FOSS installation you used for completing the experiment? | 40 |
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|  |  |  |
| --- | --- | --- |
| 1 | What is a PaaS?  Demonstrate PaaS using FOSS. (kvm practical)  Which FOSS installation you used for completing the experiment? | 40 |
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| --- | --- | --- |
| 1 | What is a PaaS?  Demonstrate PaaS using GCP/AWS. (use python in ec2)  Which FOSS installation you used for completing the experiment? | 40 |
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|  |  |  |
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| 1 | What is a SaaS?  Demonstrate SaaS using FOSS. ()  Which FOSS installation you used for completing the experiment? | 40 |
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| 1 | What is a Storage as a Service?  Demonstrate Storage as a service using OwnCloud Server (local or cloud).  Assign different access permissions on different files and folders for different users. | 40 |
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|  |  |  |
| --- | --- | --- |
| 1 | What is a Storage as a Service?  Demonstrate User Management using OwnCloud Server (local or cloud).  Assign different access permissions to different groups/users. | 40 |
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|  |  |  |
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| 1 | What is an IAM? What are its benefits?  Demonstrate IAM using GCP/AWS. | 40 |
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|  |  |  |
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| 1 | What is a Multi-factor Authentication (MFA)? Why is it important?  How Multi-factor authentication might be implemented in different ways?  Demonstrate MFA use in GCP/AWS. | 40 |
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| 1 | What is RSS Feed? Write a program for Web Feed | 40 |
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| 1 | What is SSO? Why is SSO important?  How does SSO compare with other access management solutions in AWS? Demonstrate use of SSO in AWS. | 40 |
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| 1 | Describe case study undertaken by you. What cloud computing services you implemented?  What platform you have used?  What application you have developed?  Demonstrate your case study. | 40 |
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