

Code No: **R204105W**

**R20**

**Set No. 1**

**IV B.Tech I Semester Regular Examinations, January – 2024**

**CLOUD COMPUTING WITH AWS**

**(PE-IV: EEE) (OE-IV: CE, ME, ECE, AME, MM, AGE, CSE-CS, CSE-IOTCSIBCT, CSE-IOT, FE, PHARM & CS)**

**Time: 3 hours**

**Max. Marks: 70**

*Answer any FIVE Questions  
ONE Question from Each unit  
All Questions Carry Equal Marks*

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**UNIT - I**

- 1 a) What is cloud computing? Explain its goals and challenges? [7]  
b) Brief about cloud economics. [7]  
(OR)
- 2 a) List the different types of cloud with an example. [7]  
b) Explain leveraging cloud computing? [7]

**UNIT- II**

- 3 What is a service model? How many types of service model for cloud? Explain all the cloud service models with an example? [14]  
(OR)
- 4 a) Differentiate advantages and disadvantages of IAAS [7]  
b) Explain SAAS Integration services? [7]

**UNIT - III**

- 5 Define Hypervisor. How many types of hypervisors are there? Explain all in detail with advantages and disadvantages? [14]  
(OR)
- 6 a) Brief note on load balancing. [7]  
b) How the abstraction is provided in cloud? Explain in detail? [7]

**UNIT - IV**

- 7 a) Demonstrate the Amazon Web Services. [7]  
b) How does the security will provide in AWS? [7]  
(OR)
- 8 a) Explain AWS storage and networking? [7]  
b) What is Access Management? [7]

**UNIT - V**

- 9 a) With a neat sketch explain the serverless architecture? [7]  
b) Discuss the design patterns and sample architectures. [7]  
(OR)
- 10 a) How the event-driven scaling will use in the AWS? [7]  
b) Define performance efficiency and reliability in AWS. [7]