ADITYA DEGREE COLLEGES: AU REGION

IV SEMESTER – MID – I – EXAMINATIONS

Date: 08-02-2025 Course: II BSC, II BCA (CLOUD MINOR) Max. Marks: 60 M
Time: 3 HOURS

Subject: AWS FOR CLOUD COMPUTING

SECTION –A

Answer any FIVE from the following questions 5 x 4 = 20 M

1. Define cloud computing and explain its key characteristics.

2. Define on –demand provisioning and its advantages.

3. Explain hardware virtualization and mention some popular hypervisors.

4. Define cloud enabling technologies.

5. What is publish subscribe architecture and its components.

6. Define types of virtualization architecture and its benefits.

7. Explain hypervisor and xen architecture.

8. Define system of systems.

SECTION-B

Answer all the questions 4 X 10 = 40 M

9. a) Explain the principals of parallel and distributed computing.

   b) Difference between parallel and distributed computing.

   (Or)

   c) Explain elasticity in cloud it benefit and use cases.

   d) Explain key components of elastic computing.

10. a) Explain web services its features and components of web services.

    (Or)

    b) Explain basics of virtualization and types of virtualization.

11. a) Explain historical evolution of cloud computing from mainframes to cloud services.

    (Or)

    b) Define REST and explain its significance in cloud computing.

12. a) Explain on-demand provisioning and also types of provisioning.

    (Or)

    b) Explain SOA architecture & its components.