PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2023
(Second Semester)

Branch – **APPLIED ELECTRONICS**

CLOUD COMPUTING

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1   Who is the father of Cloud Computing?
     (i) Sharon B. Codd   (ii) Edgar Frank Codd
     (iii) J.C.R. Licklider   (iv) Charles Bachman

2   When cloud computing is not the best solution for your computing needs?
     (i) Limitations   (ii) Simplicity
     (iii) Scalability   (iv) Vendors

3   CDN_____.
     (i) Control Delivery Network   (ii) Content Delivery Network
     (iii)Content Delay Network   (iv) None

4   Which one of the following is Cloud Platform by Amazon?
     (i) Azure   (ii) AWS
     (iii) Cloudera   (iv) All of the mentioned

5   In Which Type of VM, full virtualization can be possible?
     (i) Type4   (ii) Type2   (iii)Type3   (iv) Type1

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6   a. What are the advantages and disadvantages of cloud computing?
                         OR
     b. Discuss the Measures service.

7   a. Explain the Limitation.
                         OR
     b. Write short notes on Security.

8   a. Explain the platform as a services (PaaS).
                         OR
     b. Illustrate the private cloud.

9   a. Explain the Cloud sim simulators.
                         OR
     b. Explain the working platform for cloud sim.

10   a. Discuss the crating virtual machine.
                         OR
     b. Explain the virtulaize a physical machine.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11   a. Highlight the evolution Cloud computing.
                          OR
      b. Explain the (i) Board network access (ii) Rapid elasticity.

12   a. Describe the benefits of cloud computing.
                          OR
      b. Discuss the Regularity issues.

13   a. Sketch neat diagram of layered cloud architecture.
                          OR
      b. Describe the software as a service(SaaS).

14   a. Discuss the cloud simulator.
                          OR
      b. Explain the cloudsim architecture.

15   a. Discuss the type of virtualization.
                          OR
      b. Explain the starting and stopping a virtual machine.

                    Z-Z-Z   END