2211000106010002
BCA (Sem-VI)
Examination June - 2023
Fundamentals of Cloud Computing

Seat No:

Student's Signature

[**Time: Three hours**]   [**Max. marks:70**]

Q.1   Answer following in short.: (Any seven) (Each Question carry two marks)   **[14]**

1) What is cloud computing?
2) Name the types of clouds.
3) What all components are included in laaS ?
4) List any two advantages and dis-advantages of Cloud computing.
5) What is meaning of Virtualization in cloud services?
6) Name the types of cloud storage devices.
7) What is data warehouse?
8) How OLAP is different from OLTP?
9) What is meaning of BigData?
10) What is Data Lake?

Q.2   A) Explain clouds based on their services and their deployment models.   **[07]**
          B) What all components are included in DaaS (Data as a Service) and NaaS(Network as a   **[05]**
          Service)?
          C) Describe laaS and their services.   **[02]**

OR

          A) Explain difference between laaS and SaaS models.   **[07]**
          B) List and Explain Types of Clouds with Example.   **[05]**
          C) Describe PaaS and their services.   **[02]**

Q.3   Answer Any Two: (Each Question Carry Seven Marks)   **[14]**

          (A) Explain cloud planning and deployment phases.
          (B) Describe virtualization and types of virtualization.
          (C) Explain cloud computing Architecture.

Q.4   Answer Any Two: (Each question Carry Seven Marks)   **[14]**

          (A) Explain cloud application in data storage and backup applications.
          (B) How Cloud application business application works?
          (C) Discuss CSA (Cloud Security Alliance) in detail.

(D) Explain Types of Hardware Virtualization.

Q.5   **(A) Write note on following: (Any Two) (Each question carry five marks)**   **[10]**
      (i)   Data Warehouse
      (ii)   Hypervisor
      (iii)   Cloud Storage Devices
   (B) Online Transaction Processing (OLTP)   **[04]**