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T.Y B.C.A (Sem-VI)
Examination February -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) How DaaS(Data as a Service) and NaaS(Network as a Service) are different?
3) What all components are included in IaaS ?
4) How hybrid clouds are significant?
5) What is meaning of Virtualization in cloud services?
6) Name types of cloud storage devices.
7) What is data warehouse?
8) What is OLAP ?
9) What is meaning of Big Data?
10) Which components are included in Data warehouse?

Q.2 Answer Any Two: (Each question carry seven marks)   [14]
A. Explain clouds based on their services and their deployment models.
B. Explain Cloud Storage Devices.
C. Describe DaaS (Data as a Service) and NaaS(Network as a Service) in detail.
D. Discuss cloud computing Architecture in detail.

Q.3 Answer Any Two: (Each Question Carry Seven Marks)   [14]
A. Discuss IT Architecture and Business Architecture Development.
B. Describe virtualization and types of virtualization.
C. Explain advantages and dis-advantages of Cloud computing

Q.4 Answer Any Two: (Each question Carry Seven Marks)   [14]
A. Discuss SOA (Service Oriented Architecture).
B. Explain data storage and Backup applications in Cloud?
C. Explain Types of Hardware Virtualization.
D. Explain Cloud Security Alliance (CSA)?

Q.5 (A) Write note on following: (Any Two) (Each question carry five marks)   [10]
   i.   Explain Data Warehousing.
   ii.   Big data benefits over Traditional Database.
   iii. OLTP (Online Transaction Processing).

(B) Full, Emulation and Para Virtualization.   [04]

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