M. C. A. (Sem. III) (CBCS) Examination

November - 2019

P-3040 : Cloud Computing

Time : **2.30** Hours]   [Total Marks : **70**

1 Answer the following questions :

(a) Attempt the following objective questions : **4**

   (1) Define Virtualization.

   (2) Define Web service.

   (3) List out any two cloud service providers.

   (4) Full form of SAN.

(b) Answer in brief : (any **one**) **2**

   (1) What are the challenges of cloud computing ?

   (2) What is cloud computing ?

(c) Answer in detail : (any **one**) **3**

   (1) Explain Virtualization in detail.

   (2) Write a note on grid computing.

(d) Write a note on following : (any **one**) **5**

   (1) Advantages and disadvantage of cloud computing.

   (2) List out types of cloud and explain any two in detail.

2   Answer the following questions :

    (a)   Attempt the following objective questions :   **4**

        (1)   Full form of DaaS.

        (2)   Full form of PaaS.

        (3)   Full form of IaaS.

        (4)   Full form of SaaS.

    (b)   Answer in brief : (any **one**)   **2**

        (1)   What is data recovery.

        (2)   Explain SOAP.

    (c)   Answer in detail : (any **one**)   **3**

        (1)   Explain virtual firewall.

        (2)   Explain CSB.

    (d)   Write a note on following : (any **one**)   **5**

        (1)   Compare Public, Private and Hybrid Cloud.

        (2)   Explain IaaS in detail.

3   Answer the following questions :

    (a)   Attempt the following objective questions :   **4**

        (1)   Communication between services in cloud is done widely using protocol.

        (2)   Full form of CSB.

        (3)   What is TCO ? Give its definition.

        (4)   Write two advantages of private cloud.

    (b)   Answer in brief : (any **one**)   **2**

        (1)   Explain hybrid cloud.

        (2)   Explain public cloud.

(c) Answer in detail : (any **one**)   **3**

   (1) Explain SaaS.

   (2) Explain SOA.

(d) Write a note on following : (any **one**)   **5**

   (1) Explain DaaS in detail.

   (2) Explain PaaS in detail.

4 Answer the following questions :

(a) Attempt the following objective questions :   **4**

   (1) Full form of TCO.

   (2) List out any two types of computing.

   (3) Define hypervisor.

   (4) Define cloud security.

(b) Answer in brief : (any **one**)   **2**

   (1) What is data confidentiality ?

   (2) Advantage of private and public cloud.

(c) Answer in detail : (any **one**)   **3**

   (1) Explain Specialized cloud computing services.

   (2) Differentiate cloud application Vs Traditional application.

(d) Write a note on following : (any **one**)   **5**

   (1) Cloud computing architecture with diagram.

   (2) Explain risk assessment and management in cloud computing.

5 Answer the following questions :

    (a)   Attempt the following objective questions :   **4**

        (1)   Full form of P2P architecture.

        (2)   Define private cloud.

        (3)   Client architectural layer is used as front end in cloud computing ? True/False

        (4)   Full form of SOAP.

    (b)   Answer in brief : (any **one**)   **2**

        (1)   Explain risks in cloud computing.

        (2)   Explain cloud data management interface.

    (c)   Answer in detail : (any **one**)   **3**

        (1)   Write a note on Cloud computing security and privacy issue.

        (2)   Difference between Cloud computing vs. Grid computing.

    (d)   Write a note on following : (any **one**)   **5**

        (1)   Explain cloud firewall.

        (2)   Explain Data Security in cloud.

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