

**M.Sc.(IT & CA) Semester - 2 (CBCS) Examination**  
**May/June-2021 (NEW COURSE)**  
**CLOUD COMPUTING (CORE)**

**Time: 1:30 Hours****Marks: 42****Instructions:**

1. Figure to the right indicate marks.
  2. There are five questions in the question paper.
  3. Answer any three of the following questions.
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- Q.1(A) Answer following questions. (03)
1. Define Cloud Computing.
  2. What is Utility Computing.
  3. Give full form of NIST.
- Q.1(B) Answer any two. (06)
1. Define CSP. State the properties of CSP.
  2. Explain protocols used in Cloud Computing.
  3. Explain role of Open standard in Cloud Computing.
- Q.1(C) Answer any one. (05)
1. Explain difference between cluster, grid and cloud computing.
  2. Explain NIST Model for cloud computing.
- Q.2(A) Answer following questions. (03)
1. What is guest & host machine?
  2. What is EC2 compute unit?
  3. What is data-in transit?
- Q.2(B) Answer any two (06)
1. Explain Machine Image.
  2. Features of Amazon EC2.
  3. Explain Application level Security threats.
- Q.2(C) Answer any one. (05)
1. Explain virtual resource provisioning life cycle.
  2. Write short note on IAM.
- Q.3(A) Answer following Questions. (03)
1. What is Fabric Controller.
  2. What is SaaS?
  3. In SOA, \_\_\_\_\_ creates a web service and provides its information to the service registry.
- Q.3(B) Answer any two. (06)
1. What is SLA? State types of SLA.
  2. Explain SaaS characteristics.
  3. Explain Windows Azure Services.
- Q.3(C) Answer any one (05)
1. Write short note on SOA.
  2. Write short on WEB 2.0

- Q.4(A) Answer following questions. (03)
1. In Hyper-V, what is child partition?
  2. Which type of Virtualization provided by VMWare.
  3. Full form of VMFS.
- Q.4(B) Answer any two. (06)
1. What is Citrix Zen server.
  2. Explain Virtualization implementation.
  3. Write the installation steps for Hyper-V.
- Q.4(C) Answer any One (05)
1. Explain how to implement virtualization?
  2. Write short note on VMWare Server.
- Q.5(A) Answer following questions. (03)
1. Full Form of AWS-EC2.
  2. What is instance store volume in EC2?
  3. Full form of Eucalyptus.
- Q.5(B) Answer any two. (06)
1. Explain types of instances in Ec2.
  2. Explain Azure as a SaaS.
  3. Explain types of instances.
- Q.5(C) Answer any one. (05)
1. Write short note on Eucalyptus Components.
  2. Write short note on Microsoft Azure and its services.
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