

M.Sc.(IT & CA) Semester - 2 (CBCS) Examination
August/September -2020 [OLD COURSE]
CLOUD COMPUTING (CORE)

Time: 2:00 Hours**Marks: 56****Instructions:**

1. Figure to the right indicate marks.
 2. There are five questions in the question paper.
 3. Answer any four of the following questions.
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- Q.1(A) Answer following question. (04)
1. State type of computing.
 2. _____ is a method of computer processing in which different parts of a program run simultaneously on two or more computers that are communicating with each other over a network.
 3. State deployment models of cloud computing.
 4. Full form of CSP is _____.
- Q.1(B) Answer any one. (02)
1. Explain difference between client server and cloud computing.
 2. Explain role of network in cloud computing.
- Q.1(C) Answer any one. (03)
1. Explain protocols used in cloud computing.
 2. Explain history of cloud computing.
- Q.1(D) Answer any one. (05)
1. Write short note on computing models.
 2. Explain deployment model and services in cloud computing.
- Q.2(A) Answer following questions. (04)
1. What is data-in transit?
 2. What is privacy?
 3. Define Iaas.
 4. What is virtualization?
- Q.2(B) Answer any one. (02)
1. What is provenance and remanence?
 2. What is authentication and authorization?
- Q.2(C) Answer any one. (03)
1. Explain SaaS Application security.
 2. Explain data security in cloud.
- Q.2(D) Answer any one. (05)
1. Write short note on hypervisor.
 2. Write short note on Eucalyptus as IaaS.
- Q.3(A) 1. _____ is a software environment in which a developer can create customized solutions within the context of the development tools that the platform provides. (04)
2. What is fabric controller.
 3. State services provided by Microsoft Azure.
 4. _____ is primarily associated with websites and web tools that promote interactive collaboration.

- Q.3(B) Answer any one. (02)
1. What is service provider & service requester?
 2. What is SLA? State types of SLA.
- Q.3(C) Answer any one. (03)
1. Explain characteristics of PaaS.
 2. Explain Windows Azure Services.
- Q.3(D) Answer any one. (05)
1. Write short note on Cloud Platform Mgt.
 2. Write short note on WEB OS.
- Q.4(A) Answer following questions. (04)
1. Give full form of vLAN.
 2. In Hyper-V, what is parent partition?
 3. Which features are supported by VMWARE latest server?
 4. State virtualization objectives.
- Q.4(B) Answer any one. (02)
1. Explain child partition and parent partition.
 2. State the vSphere features. Explain any two.
- Q.4(C) Answer any one. (03)
1. What is virtual server?
 2. Explain features of Xen server.
- Q.4(D) Answer any one. (05)
1. Write the installation steps for Hyper-V.
 2. Write short note on virtualization objective.
- Q.5(A) Answer following questions. (04)
1. State the services provided by AWS.
 2. State types of instances provided by Amazon?
 3. Full form of EBS.
 4. What is Walrus?
- Q.5(B) Answer any one. (02)
1. What is virtual private cloud?
 2. What is cloud controller?
- Q.5(C) Answer any one. (03)
1. Explain features of EC2.
 2. Explain Azure as a SaaS.
- Q.5(D) Answer any one. (05)
1. Write short note on services provided by EC2.
 2. Write short note on Eucalyptus components.
