

M.Sc.(IT & CA) Semester - 2 (CBCS) Examination**March/April- 2018****CLOUD COMPUTING****(CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

Part:-

- (a) Contains four objective type questions (not MCQ) like definition, reason, answer in one line, answer in one word etc., each of one marks and no internal option.
- (b) Contains two questions each of two marks and student will attempt any one out of two.
- (c) Contains two questions each of three marks and student will attempt any one out of two.
- (d) Contains two questions each of five marks and student will attempt any one out of two.

-
- Que-1 (A) Objective type questions, Attempt all questions. (04)
(1) Full form of SOA.
(2) List of web service protocols.
(3) How many deployment models are there in cloud computing.
(4) Give full form of NIST.
- (B) Attempt any one out of two question. (02)
(1) Explain any two characteristics of cloud computing.
(2) How Cloud computing works?
- (C) Attempt any one out of two question. (03)
(1) Difference between Cloud computing and Grid computing.
(2) Explain Cluster computing and utility computing.
- (D) Attempt any one out of two question. (05)
(1) Define role of Open standards.
(2) Explain advantages and disadvantages of cloud computing in detail.
- Que-2 (A) Objective type questions, Attempt all questions. (04)
(1) In Amazon EC2, EC2 stands for _____?
(2) What is Cloud contracting Model?
(3) Define: On-demand Self-Service.
(4) Full Form of EUCALYPTUS.
- (B) Attempt any one out of two question. (02)
(1) Define Cloud computing as data storage.
(2) Describe Security issues in cloud computing.
- (C) Attempt any one out of two question. (03)
(1) Describe host level security.
(2) Explain virtual machine monitor.
- (D) Attempt any one out of two question. (05)
(1) What is IaaS? Explain it in detail.
(2) Discuss some of the legal issues in cloud computing.
- Que-3 (A) Objective type questions, Attempt all questions. (04)
(1) Full form of REST.
(2) Full form of GAE.
(3) What is SN Architecture?
(4) Give the name of Database services, which is provided by Amazon.
- (B) Attempt any one out of two questions. (02)
(1) What is mean by SaaS?
(2) Explain Web OS.
- (C) Attempt any one out of two question. (03)
(1) What is SOA? Explain it.
(2) Explain PaaS?
- (D) Attempt any one out of two question. (05)
(1) Describe SaaS in detail.

- Que-4 (A) (2) Explain service oriented architecture with its core values? (04)
 Objective type questions, Attempt all questions.
 (1) Xen server is related to virtualization. (true/false)
 (2) What is meaning of virtualization?
 (3) Type I hypervisor also known as _____ or _____.
 (4) Hypervisor also known as _____.
 (B) Attempt any one out of two question. (02)
 (1) What is Type-I and Type-II Hypervisor and also give hypervisor name?
 (2) Describe the concept of Xen server.
 (C) Attempt any one out of two question. (03)
 (1) Discuss the significance of hypervisor in cloud.
 (2) Explain Hyper V-I.
 (D) Attempt any one out of two question. (05)
 (1) Differentiate between Full virtualization and Para virtualization.
 (2) Explain Virtual servers.
- Que-5 (A) Objective type questions, Attempt all questions. (04)
 (1) Azure providing PaaS service. (true/false)
 (2) Eucalyptus component NC stands for _____.
 (3) Google Apps Engine is a type of _____ cloud service.
 (4) Give the name of Instance types which is supported by Amazon EC2?
 (B) Attempt any one out of two question. (02)
 (1) What is Amazon EC2?
 (2) Define Microsoft Azure as a cloud computing service.
 (C) Attempt any one out of two question. (03)
 (1) Explain overview of open source and commercial clouds.
 (2) Discuss the Instance types which are supported by Amazon EC2?
 (D) Attempt any one out of two question. (05)
 (1) How does windows azure support cloud services? Justify with suitable diagram.
 (2) Explain any one case study related to Microsoft azure.
