



MBU-003-1082003 Seat No. _____

M. Sc. I.T. (W.I.F. 2016) (Sem. II) (CBCS) Examination

April / May - 2018

CS - 09 : Cloud Computing

Faculty Code : 003

Subject Code : 1082003

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (A) Objective type questions : 4
- (1) _____ computing refers to applications and services that run on a distributed network using virtualized resources.
 - (2) _____ cloud is appealing for applications that need peak computing power and storage for short periods of time.
 - (3) How many service models are there. in cloud computing.
 - (4) Give full form of NIST.
- (B) Answer in brief : (Any **One**) 2
- (1) What is cloud computing.
 - (2) Cluster computing v/s Grid computing.
- (C) Answer in detail : (Any **One**) 3
- (1) Explain Evolution of cloud computing.
 - (2) Explain public cloud and private cloud.
- (D) Write a note on : (Any **One**) 5
- (1) Explain Paas Service models of cloud computing in detail.
 - (2) Explain Cloud computing architecture in detail.

- 2 (A) Objective type questions : 4
- (1) VM stands for _____
 - (2) What is the full form of ec2?
 - (3) EUCALYPTUS stands for ?
 - (4) _____ is a cloud computing service model in which hardware is virtualized in the cloud.
- (B) Answer in brief : (Any One) 2
- (1) What is host level security?
 - (2) Explain data storage in cloud computing
- (C) Answer in detail : (Any One) 3
- (1) Explain virtual machine.
 - (2) What is laaS? Explain it in detail.
- (D) Write a note on : (Any One) 5
- (1) Explain risk, trust and reputation.
 - (2) Explain security issue in detail.
- 3 (A) Objective type questions : 4
- (1) Salesforce.com is an example of _____
 - (2) _____ is the most refined and restrictive service model.
 - (3) _____ is the contract for performance negotiated between you and a service provider.
 - (4) Give full form of SOA.
- (B) Answer in brief : (Any One) 2
- (1) Explain Web OS.
 - (2) Explain google app engine.
- (C) Answer in detail : (Any One) 3
- (1) Explain Microsoft azure.
 - (2) Explain scalability in cloud.

- (D) Write a note on : (Any **One**) 5
- (1) Explain scale data processing in cloud. And also big data processing.
 - (2) Describe SaaS in detail.
- 4 (A) Objective type questions : 4
- (1) _____ technique is vital for creating cloud-computing centers.
 - (2) _____ cloud concept is related to pooling and sharing of resources
 - (3) What is Virtualization?
 - (4) Xen server is related to virtualization. (true/false)
- (B) Answer in brief : (Any **One**) 2
- (1) Explain VMWare - 1.
 - (2) Describe hyper-v.
- (C) Answer in detail : (Any **One**) 3
- (1) Explain Xen Server.
 - (2) Describe purpose of Virtualization.
- (D) Write a note on : (Any **One**) 5
- (1) Explain Virtual servers in detail.
 - (2) Explain virtualization implementation in detail.
- 5 (A) Objective type questions : 4
- (1) What is Amazon EC2.
 - (2) Eucalyptus component NC stands for _____
 - (3) Amazon EC2 falls under the _____ cloud service model.
 - (4) Which amazon web service is used to create instance in cloud computing?

- (B) Answer in brief : (Any **One**) **2**
- (1) What is Eucalyptus? Explain it.
 - (2) Explain Microsoft azure.
- (C) Answer in detail : (Any **One**) **3**
- (1) Explain overview of open source and commercial clouds.
 - (2) Explain case study on Amazon EC2.
- (D) Write a note on : (Any **One**) **5**
- (1) Describe case study on Microsoft azure .
 - (2) Give steps to launch virtual server instance in cloud computing.
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