

M.Sc.(IT & CA) Semester - 2 (CBCS) Examination
March/April – 2024 (As Per Syllabus Year-2023)
Cloud Computing (Core)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1(A) **Answer the following questions** (03)
- 1) Full form of SOA.
 - 2) List of web service protocols.
 - 3) Full form of NSIT.
- Que.1(B) **Answer the following questions (ANY TWO)** (06)
- 1) Explain Hybrid cloud works with diagram.
 - 2) Explain Grid Computing vs Cluster Computing.
 - 3) Explain Distributed Computing.
 - 4) Explain Characteristics of cloud computing
- Que.1(C) **Answer the following questions (ANY ONE)** (05)
- 1) Explain Advantages and Disadvantages of Cloud Computing.
 - 2) Explain role of open standard in Cloud Computing.
- Que.2(A) **Answer the following questions** (03)
- 1) Full form of SSL.
 - 2) Full form of VM
 - 3) Full form of AWS.
- Que.2(B) **Answer the following questions (ANY TWO)** (06)
- 1) Explain hardware emulation.
 - 2) Explain Data Integrity.
 - 3) Explain Host Level Security.
 - 4) Explain OS virtualization
- Que.2(C) **Answer the following questions (ANY ONE)** (05)
- 1) Write note on Storage and Data Security.
 - 2) Explain advantages of IaaS.
- Que.3(A) **Answer the following questions** (03)
- 1) Full form of PaaS.
 - 2) Full form of WSDL.
 - 3) Full form of REST
- Que.3(B) **Answer the following questions (ANY TWO)** (06)
- 1) Explain Paas of google.
 - 2) Explain Web 2.0.
 - 3) Explain Service Level Agreements.
 - 4) Explain SOA Architecture.
- Que.3(C) **Answer the following questions (ANY ONE)** (05)
- 1) Explain Web Services
 - 2) Explain SaaS in detail.
- Que.4(A) **Answer the following questions** (03)
- 1) Full form VMM.
 - 2) What is hypervisor?
 - 3) Full form of VSI.

- Que.4(B) **Answer the following questions (ANY TWO)** (06)
- 1) Explain VMware.
 - 2) Explain objectives of Virtualization.
 - 3) Explain features of Xen Server.
 - 4) Explain Network Virtualization.
- Que.4(C) **Answer the following questions (ANY ONE)** (05)
- 1) Explain Different area of Virtualization implementation.
 - 2) Explain Characteristics of Virtualization in cloud computing.
- Que.5(A) **Answer the following questions** (03)
- 1) What is Amazon EC2?
 - 2) Full form of AMI.
 - 3) What is Windows Azure?
- Que.5(B) **Answer the following questions (ANY TWO)** (06)
- 1) Explain Walrus
 - 2) Explain overview of open source and commercial clouds.
 - 3) Explain about trusted cloud computing.
 - 4) Explain features of Eucalyptus
- Que.5(C) **Answer the following questions (ANY ONE)** (05)
- 1) Explain Architecture Amazon EC2.
 - 2) Explain Infrastructure as a service of amazon
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