

M.Sc.(IT & CA) Semester - 2 (CBCS) Examination
August/September -2020 [NEW 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 the following questions. (03)

- (1) NIST stands for _____
- (2) SRP stands for _____
- (3) List the services provided by cloud computing.

Q.1(B) Answer the following question. (any two) (06)

- (1) What is Grid computing?
- (2) What is distributed computing?
- (3) What is cluster computing?

Q.1(C) Answer the following question. (any one) (05)

- (1) Explain advantages and disadvantages of cloud computing.
- (2) Explain deployment models and services attributes of cloud computing.

Q.2(A) Answer the following questions. (03)

- (1) AWS stands for _____
- (2) IAAS stands for _____
- (3) VMM stands for _____

Q.2(B) Answer the following question. (any two) (06)

- (1) What is virtualization?
- (2) Explain data integrity.
- (3) Explain access control.

Q.2(C) Answer the following question. (any one) (05)

- (1) Explain different types of virtualization.
- (2) Explain infrastructure security.

Q.3(A) Answer the following questions. (03)

- (1) SOA stands for _____.
- (2) GAE stands for _____.
- (3) WSDL stands for _____.

- Q.3(B) Answer the following question. (any two) (06)
- (1) Explain web 2.0.
 - (2) Explain service level management.
 - (3) Explain service oriented architecture.
- Q.3(C) Answer the following questions. (05)
- (1) Explain PASS with its types.
 - (2) Explain SAAS Characteristics with advantages.
- Q.4(A) Answer the following questions. (03)
- (1) VSI stands for _____.
 - (2) XEN server launched by _____ company.
 - (3) A _____ is a server that shares hardware and software resources with other operating systems (OS) versus dedicated servers.
- Q.4(B) Answer the following question. (any two) (06)
- (1) Explain features of Xen server.
 - (2) What is VMbus?
 - (3) List objectives of virtualization.
- Q.4(C) Answer the following question. (any one) (05)
- (1) Write down step of installation of hyper V.
 - (2) Explain areas of virtualization implementation.
- Q.5(A) Answer the following questions. (03)
- (1) EUCALYPTUS stands for _____.
 - (2) EC2 stands for _____.
 - (3) AMI stands for _____.
- Q.5(B) Answer the following question. (any two) (06)
- (1) What is cluster controller?
 - (2) What is walrus?
 - (3) Explain availability zones.
- Q.5(C) Answer the following question. (any one) (05)
- (1) Explain features of Amazon EC2.
 - (2) Explain architecture of Microsoft azure.
