

.....
MASTER OF SCIENCE (COMPUTER SCIENCE) (CBCS-2018 COURSE)
M.Sc. (Computer Science) Sem-II : WINTER- 2022
SUBJECT : CLOUD COMPUTING

Day : Wednesday

Time : 10:00 AM-01:00 PM

Date : 28-12-2022

W-20044-2022

Max. Marks : 60

.....

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
-

Q.1 Explain the cloud file system with reference to MapReduce, GFS, HDFS and Hadoop Framework. [15]

OR

Explain the need for virtualization. What are the undesirable effects of virtualization? Explain types of virtualization.

Q.2 A) Answer **ANY ONE** of the following: [08]
i) Elaborate on end user access to cloud computing.
ii) What are the threats to cloud security with reference to cloud service users and cloud service providers?

B) Answer **ANY ONE** of the following: [07]
i) Describe collaborate via blogs and wikis.
ii) Explain the Eucalyptus and nimbus cloud computing systems.

Q.3 Answer **ANY THREE** of the following: [15]
a) Explain the process of evolution of cloud computing.
b) Describe Monitoring as a Service (MaaS) and Communication as a Service (CaaS).
c) Explain the open cloud consortium.
d) Elaborate project management applications.
e) Explain collaborating on calendars, schedules and task management.

Q.4 Write short notes on **ANY THREE** of the following: [15]
a) Standards for messaging
b) Collaborating on word processing and database
c) Hypervisors
d) Evaluating web mail services
e) Types of cloud

* * * *