

CDOE
MASTER OF COMPUTER APPLICATIONS (CBCS - 2020 COURSE)
M.C.A. Sem-II : WINTER :- 2021
SUBJECT: CLOUD COMPUTING CONCEPTS

Day : Tuesday
Date 8/2/2022

W-23057-2021

Time : 02:00 PM-05:00 PM
Max. Marks: 60

N.B.:

- 1) Q. No.4 is COMPULSORY.**
- 2) Solve any two questions from Section-I and Section-II.**
- 3) Each question carries 12 marks.**
- 4) Figures to the right indicate FULL marks.**

SECTION-I

- Q.1** Answer the following questions: (6 x 2 = 12 marks)
- a) Define Hypervisor. What is importance of hypervisor?**
 - b) Explain different types of hypervisors.**
- Q.2** Answer the following questions: (6 x 2 = 12 marks)
- a) Explain service oriented architecture.**
 - b) List and explain the properties of services.**
- Q.3** Answer the following questions: (6 x 2 = 12 marks)
- a) Define Utility and Grid computing.**
 - b) Explain Utility model for cloud web services.**
- Q.4** Write short note on (**ANY THREE**): (4x 3 = 12 marks)
- a) Virtual machine**
 - b) Para virtualization**
 - c) Public cloud**
 - d) Scalability**

SECTION-II

- Q.5** Explain Amazon elastic block structure (EBS) and simple DB?
(12 x 1 = 12 marks)
- Q.6** Draw block diagram of cloud computing and explain the components of it.
(12 x 1 = 12 marks)
- Q.7** Explain cloud based life cycle for application development.
(12 x 1 = 12 marks)

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