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

Day : Tuesday
Date : 18-01-2022

W-22730-2021

Time : 10:00 AM-01:00 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 cloud, Grid and Distributed computing.
b) What are the benefits and challenges of cloud computing?

Q.2 Answer the following questions: (6 x 2 = 12 marks)

a) Explain full and para virtualization.
b) What is memory virtualization? Explain two level of memory mapping procedure.

Q.3 Answer the following questions: (6 x 2 = 12 marks)

a) Explain applications of SOA.
b) What are the characteristics of SOA?

Q.4 Write short note on (**ANY THREE**): (4x 3 = 12 marks)

a) Google app engine
b) Paas
c) Iaas
d) Public cloud

SECTION-II

Q.5 Draw a neat sketch of Google cloud platform and explain the same? (12 x 1 = 12 marks)

Q.6 Draw and explain Amazon cloud computing infrastructure. (12 x 1 = 12 marks)

Q.7 Explain web service deployment process. (12 x 1 = 12 marks)

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