

3C3001Roll No. 22C1XX600Total No. of Pages: **2****3C3001****MCA III - Sem. (Main / Back) Exam., - 2024**
MCA – 301 Cloud Computing**Time: 3 Hours****Maximum Marks: 70**
Min. Passing Marks: 28*Instructions to Candidates:**Attempt all ten questions from Part A. All five questions from Part B and three questions out of five from Part C.**Schematic diagrams must be shown wherever necessary. Any data you feel missing may suitably be assumed and stated clearly. Units of quantities used /calculated must be stated clearly.**Use of following supporting material is permitted during examination.
(Mentioned in form No. 205)*1. NIL2. NIL**PART – A****[10×2=20]****(Answer should be given up to 25 words only)****All questions are compulsory**

- ~~Q.1~~ What is Cloud?
- ~~Q.2~~ State the name of the different types of Clouds.
- ~~Q.3~~ What is the advantage of Cloud computing?
- ~~Q.4~~ Who are considered as the service providers in Cloud Computing Environment?
- ~~Q.5~~ What do you mean by Virtual Clusters?

~~Q.6~~ What do you mean by the Virtualization of CPU?

~~Q.7~~ What is Risk Mitigation?

~~Q.8~~ What do you mean by Securing the Cloud?

~~Q.9~~ What do you mean by Process as a service?

~~Q.10~~ Name any two Cloud service providers.

[5×4=20]

PART – B

(Analytical/Problem solving questions)

Attempt all five questions

~~Q.1~~ What are the Characteristics of Cloud Computing?

~~Q.2~~ Explain the challenges and risks in cloud adoption.

~~Q.3~~ Explain a few features of VM ware and Microsoft Hyper-V.

~~Q.4~~ State and explain in brief the Legal issues in Cloud Computing.

~~Q.5~~ Explain information as a service with an appropriate example.

[3×10=30]

PART – C

(Descriptive/Analytical/Problem Solving/Design Questions)

Attempt any three questions

~~Q.1~~ Explain the Cloud Architecture with diagram.

~~Q.2~~ Explain the features and benefits of Service Models: Software as a Service (SaaS), Platform as a Service (PaaS), Infrastructure as a Service (IaaS).

Q.3 Describe the Resources Management Concept in Virtualization.

Q.4 Explain the Trust Management using an appropriate example.

Q.5 Explain Disaster Management and Recovery Planning in Cloud.

[3C3001]

Page 2 of 2

