25804046

QP CODE: 25804046

Reg No : .....

Name : .....

MCA DEGREE EXAMINATION, OCTOBER 2025

Third Semester

MASTER OF COMPUTER APPLICATION

ELECTIVE - MCA304ET1 - CLOUD COMPUTING

2020 ADMISSION ONWARDS

D97326A1

Time: 3 Hours Maximum: 75 Marks

Part A

*Answer any **ten** questions*

*Each question carries **3** marks*

1. Explain the advantages of cloud computing.
2. What are the characteristics of Private cloud?
3. Pros and cons of data access and network connectivity.
4. What are the Hypervisors and its different types?
5. Explain IBM Power system for cloud environment.
6. Briefly explain the different technologies used for cloud computing.
7. State the importance of CDMI.
8. State the six-step risk management process.
9. Define CLS.
10. Write note on the storage service.
11. State the benefits of cloud computing in asset management.
12. What is the IPTV?

(10×3=30 marks)

Part B

*Answer **all** questions*

*Each question carries **9** marks*

13. a) Explain Cloud computing architecture with a neat diagram.

OR

b) Describe different types of Cloud Service Models.

14. a) Explain Public clouds and Private Clouds and its applications.

OR

b) Explain Cloud Eco system model.

15. a) Explain SIRDM model of cloud storage with neat diagram.

OR

b) Describe data intensive technologies for cloud computing.

16. a) Discuss about Cloud Computing Risks.

OR

b) Explain about different cloud computing platforms.

17. a) What is Google App Engine? Explain in detail.

OR

b) Explain Energy aware Cloud computing in detail.

(5×9=45 marks)