



25803161

QP CODE: 25803161

Reg No :

Name :

I.M.C.A DEGREE EXAMINATION, JULY 2025

Eight Semester

Integrated MCA

Elective - IMCA8E03C - FOUNDATION OF CLOUD COMPUTING

2020 Admission Onwards

E355C3E8

Time: 3 Hours

Maximum: 75 Marks

Part A

*Answer any **ten** questions*

*Each question carries **3** marks*

1. Describe the key element of cloud computing with a neat diagram.
2. Illustrate Platform as a Service (PaaS).
3. Illustrate combined cloud with inter cloud.
4. Illustrate Para-virtualization.
5. Summarize distributed storage.
6. Illustrate the categories of SaaS.
7. Explain the features of DBaaS.
8. List the security disadvantages in Cloud Environments.
9. Illustrate the importance of mashups in cloud computing.
10. State HDFS.
11. Explain the benefits of cloud computing in the banking sector.
12. Summarize Multimedia Cloud.

(10×3=30 marks)





Part B

Answer **all** questions

Each question carries **9** marks

13. a) Illustrate the potential challenges or issues that organizations may face when migrating to cloud computing.

OR

- b) Explain the clouds based on the deployment model.

14. a) Illustrate different cloud deployment model with figures.

OR

- b) Describe OS Virtualization.

15. a) Summarize in detail about Distributed Data Storage.

OR

- b) Explain in detail about SaaS in Cloud Services.

16. a) Explain security issues and challenges, advantages and disadvantages in cloud data security.

OR

- b) Explain in detail about Hadoop and its architecture.

17. a) Summarize in detail cloud software for Asset Management.

OR

- b) Illustrate in detail about Multimedia Cloud.

(5×9=45 marks)

