



QP CODE: 26802600



Reg No :

Name :

IMCA DEGREE EXAMINATION JUNE 2026

Eight Semester

INTEGRATED MCA

ELECTIVE - IMCA8E03C - FOUNDATION OF CLOUD COMPUTING

2020 Admission Onwards

B6577EF3

Time: 3 Hours

Maximum: 75 Marks

Part A

*Answer any **ten** questions*

*Each question carries **3** marks*

1. Illustrate IT Maturity analysis.
2. Summarize the risk associated with cloud computing.
3. Describe Cloud Computing Architecture.
4. Explain the term cloud agent.
5. Illustrate grid storage for grid computing.
6. Explain the four primary methods used to secure network communications in CDMI.
7. Describe the need of ThruDB.
8. Explain the six-step risk management process.
9. Summarize the node types in Hadoop.
10. Summarize the functionalities of OpenNebula.
11. Illustrate the components of EC2.
12. Summarize Jungle Computing Systems.

(10×3=30 marks)

Part B

*Answer **all** questions*

*Each question carries **9** marks*

13. a) Explain the key stages involved in migrating to the cloud.

OR





b) Illustrate evolution of cloud computing.

14. a) Summarize Server Virtualization.

OR

b) Summarize CPU Virtualization with Server Virtualization.

15. a) Explain in detail about File Systems.

OR

b) Summarize in detail about Other Clouds Services.

16. a) Explain in detail about Cloud Computing Platform.

OR

b) Summarize in detail about Eucalyptus Cloud Tool.

17. a) Explain in detail about Cloud based solutions and Cloud Computing Services.

OR

b) Explain in detail about Comet.

(5×9=45 marks)

