



QP CODE: 24800564



24800564

Reg No : .....

Name : .....

**INTEGRATED MSC DEGREE EXAMINATION, DECEMBER 2023**

**Sixth Semester**

INTEGRATED MSC COMPUTER SCIENCE-ARTIFICIAL INTELLIGENCE AND MACHINE  
LEARNING

**Elective - ICSC6EA1 - CLOUD COMPUTING**

2020 Admission Onwards

6050178F

Time: 3 Hours

Weightage: 30

**Part A (Short Answer Questions)**

*Answer any **eight** questions.*

*Weight 1 each.*

1. What is Quantum computing?
2. What are the advantages of cloud services?
3. List some contact management softwares.
4. List the components of cloud based project management.
5. List two web based databases.
6. What is virtualization in cloud computing. Give the role of VM?
7. What are the benefits of server utilization?
8. What is the concept of cloud virtualization?
9. What is AMD virtualization?
10. What is AWS elastic beansalk?

(8×1=8 weightage)

**Part B (Short Essay/Problems)**

*Answer any **six** questions.*

*Weight 2 each.*

11. Compare cloud computing and distributed computing
12. Explain the characteristics of Software as a Service (SaaS)





13. What is virtualization? Compare full and para virtualization architectures.
14. Differentiate full virtualization and para virtualization
15. How server virtualization works?
16. What are the uses of server virtualization?
17. What is storage virtualization? What are the advantages of storage virtualization?
18. Compare Network Attached Storage and Direct Attached Storage

(6×2=12 weightage)

### **Part C (Essay Type Questions)**

*Answer any **two** questions.*

*Weight 5 each.*

19. Explain the working of Google doc.
20. List out the different classes of virtualization architecture. Discuss in detail about the hypervisor and Xen architecture .
21. Explain in detail about the concept of server virtualization
22. Explain Windows azure virtual network

(2×5=10 weightage)

