

24NN805**MCA II Semester (New Scheme) Main Exam-2023-24****MCA 225 – Cloud Computing****Time : 3 Hours****Maximum Marks: 80****Min. Passing Marks: 26****Instructions to Candidates:**

- Student has to attempt all 10 very short answer type questions (2 marks each).
- Student has to attempt all 5 short answer types questions (4 marks each).
- Student has to attempt all 5 questions (8 marks each).

Use of following supporting materials is permitted during examination. (Mentioned in form No. 205)

1 _____

2 _____

PART A

- | | | |
|-------|---|-----|
| Q.1 | What is cloud computing? Write shortly. | [2] |
| Q.2. | How many types of clouds are there? Write their names. | [2] |
| Q.3. | What are the major risks in adoption of cloud computing. | [2] |
| Q.4. | Explain the benefits of Hybrid cloud. | [2] |
| Q.5. | What is virtualization? Why it is used? | [2] |
| Q.6. | Explain Resource Management. | [2] |
| Q.7. | How can an unauthorized access be detected in network of cloud? | [2] |
| Q.8. | What is Enterprise cloud computing? | [2] |
| Q.9. | What is the reason for enterprise moving to cloud? | [2] |
| Q.10. | Explain SLA-Service level Agreements. | [2] |

P.T.O.

PART B

- Q.1. What are the main characteristics of cloud computing? Why cloud computing is important. [4]
- Q.2. Explain the concept of cloud reference Architecture. [4]
- Q.3. Discuss storage virtualization. [4]
- Q.4. Discuss the security in public cloud and private cloud. [4]
- Q.5. What is enterprise cloud storage? Define storage as a service. [4]

PART C

- Q.1. Discuss various cloud services in detail with suitable example. [8]
- Q.2. Explain all cloud deployment models in detail. [8]
- Q.3. What is virtualization? By using two technologies examples, explain how memory and I/O virtualization is done in cloud computing. [8]
- Q.4. Explain all the security threats and data integrity in cloud computing system. Compare it with traditional system. [8]
- Q.5. What are the different cloud computing platforms available today. Discuss some of them and tell how cloud technology works for an enterprise. [8]

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