

Code No.: DS732PE

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
IV-B.TECH-I-Semester End Examinations (Supply) - April- 2024
CLOUD COMPUTING
(CSD)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART-A

(20 Marks)

1. a) Define Quantum Computing. [2M]
- b) Compare Distributed computing vs Centralized computing. [2M]
- c) Write NIST definition of Cloud Computing. [2M]
- d) List the advantages of cloud computing. [2M]
- e) What is public cloud access networking? [2M]
- f) What are the features of Cloud application? [2M]
- g) Define SaaS. [2M]
- h) List some of IaaS providers. [2M]
- i) What do you mean by cloud service provider? Which are the major cloud service providers? [2M]
- j) What are the support services offered by Amazon Web Services? [2M]

PART-B

(50 Marks)

2. Briefly explain about various types of computing paradigms. [10M]
- OR**
- 3.a) Compare grid computing with electric power grid. [5M]
 - b) Discuss about cloud computing. [5M]
4. Explain 5-4-3 Principles of Cloud computing. [10M]
- OR**
5. Compare SaaS, PaaS and IaaS. [10M]
 6. Illustrate Cloud architecture with a neat sketch. [10M]
- OR**
7. Discuss various phases of Cloud Migration. [10M]
 8. Explain the services provided by PaaS providers. [10M]
- OR**
9. Discuss the characteristics and suitability of IaaS. [10M]
- 10 a) Explain about Captiva Cloud Toolkit. [5M]
 - b) Discuss about Google App Engine. [5M]
- OR**
11. What do you mean by Knowledge as a Service? Which company provides this service? Explain with an example. [10M]
