

Code No: R20A0554

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

III B.Tech II Semester Regular Examinations, May 2023**Cloud Computing Fundamentals****(EEE & ECE)**

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Time: 3 hours**Max. Marks: 70**

Note: This question paper Consists of 5 Sections. Answer **FIVE** Questions, Choosing ONE Question from each SECTION and each Question carries 14 marks.

SECTION-I

- 1 A. What is cloud computing? [2M]
B. Explain the Layers and Types of Cloud. [12M]

OR

- 2 A. Explain Challenges and Risks in Cloud Computing [7M]
B. Distinguish between Parallel Computing, Distributed Computing [7M]

SECTION-II

- 3 What is a Virtual Machine? Explain in detail about Implementation Levels of virtualization. [14M]

OR

- 4 A. How are Virtualization and Cloud Computing Interrelated [7M]
B. List and Explain different types of virtualizations [7M]

SECTION-III

- 5 Explain Seven-Step Model of Migration into a Cloud. [14M]

OR

- 6 A. Explain roots of Cloud Computing. [7M]
B. Explain the Deployment models for enterprise Cloud Computing paradigm [7M]

SECTION-IV

- 7 How cloud provides Infrastructure as a service (IAAS)? Explain [14M]

OR

- 8 A. Explain about Virtual Machines provisioning process [7M]
B. Explain Aneka framework for cloud infrastructure. [7M]

SECTION-V

- 9 Discuss in brief about the cloud computing and data security [14M]

OR

- 10 A. Discuss about data security risks in cloud? [7M]
B. Explain Google App Engine [7M]
