

Code No.: CS851PE

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**CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS**

**IV-B.TECH-II-Semester End Examinations (Regular) – April - 2024
BLOCKCHAIN TECHNOLOGY
(CSE)**

[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) How crypto currency works? [2M]
- b) How is block chain used in the Crypto currency? [2M]
- c) Give note on digital art [2M]
- d) How does the block chain help the environment? [2M]
- e) What is a folding coin? [2M]
- f) What is the name of the Bitcoin used in blockchain? [2M]
- g) Give a note on Demurrage currency. [2M]
- h) List the uses of token currency? [2M]
- i) How can blockchain technology disrupt the existing business models? [2M]
- j) What are the problems with public blockchain? [2M]

PART-B

(50 Marks)

2. Discuss the Crowd funding and list out the advantages and disadvantages. [10M]
- OR**
3. List and explain the block chain Protocols. [10M]
4. Explain the Block chain Environment. [10M]
- OR**
5. Describe the Digital Identity verification. [10M]
6. Briefly explain the Block chain Genomics. [10M]
- OR**
7. Differences between the gridcoin vs folding coin. [10M]
8. Write a short note on the following:
 - a) Currency [3.5M]
 - b) Token [3.5M]
 - c) Tokenizing [3M]
- OR**
9. Explain about currency multiplicity. [10M]
10. List and explain the Business model challenges. [10M]
- OR**
11. Discuss the Scandals and Public perception. [10M]
