

Code No.: CY602PC

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**CMR ENGINEERING COLLEGE : HYDERABAD**  
**UGC AUTONOMOUS**  
**III-B.TECH-II-Semester End Examinations (Regular) - June- 2024**  
**BLOCKCHAIN TECHNOLOGY**  
**(CSC)**

[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) Discuss about any two types of cryptocurrency. [2M]
- b) What is currency in blockchain technology? [2M]
- c) What is meant by digital identity verification? [2M]
- d) Discuss about digital art. [2M]
- e) What is the use of blockchain science? [2M]
- f) Discuss the use of blockchain in genomics. [2M]
- g) Define tokenization. [2M]
- h) Discuss about Campuscoin. [2M]
- i) What are the business model challenges in blockchain. [2M]
- j) Discuss about scandals and public perception. [2M]

**PART-B**

**(50 Marks)**

2. Explain how does blockchain support Crowd funding? [10M]
3. Summarize main types of blockchain protocols. [10M]
4. Discuss about the several aspects of extensibility in blockchain. [10M]
5. Discuss about environmental concerns about blockchain. [10M]
6. Explain about grid coin. [10M]
7. Explain about Bitcoin MOOC's. OR [10M]
8. Discuss about coindrop. [10M]
9. Discuss about Currency multiplicity. OR [10M]
10. Explain the various technical challenges in blockchain. [10M]
11. Summarize the government regulations on blockchain. [10M]

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