

Code No.: CY602PC

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III-B.TECH-II-Semester End Examinations (Supply) - January- 2024
BLOCK CHAIN 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) Why do we require blockchain technology? [2M]
- b) Define cryptocurrency. [2M]
- c) Mention the scope for extensibility of Blockchain technology concepts. [2M]
- d) State the key point of Bitcoin neutrality. [2M]
- e) Name the two community supercomputing projects. [2M]
- f) What is the use of Folding coin? [2M]
- g) Summarize the benefits of crypto adoption. [2M]
- h) Where do we use community coin? [2M]
- i) List out the technical challenges related to blockchain. [2M]
- j) Label the biggest barriers to bitcoin adoption. [2M]

PART-B

(50 Marks)

2. Describe the concept of the Bitcoin in blockchain. [10M]
- OR**
3. How the financial services are being reinvented with blockchain-based decentralized model? Discuss. [10M]
 4. With suitable examples, inspect the blockchain-based digital identity services. [10M]
- OR**
5. Illustrate the task of digital art in providing the blockchain attestation services. [10M]
 6. Diagnose the role played by bitcoin for contagious disease relief as part of the global public health. [10M]
- OR**
7. Elaborate the blockchain technology as a universal order-of-magnitude progress model. [10M]
 8. Distinguish the features of monetary and nonmonetary currencies. [10M]
- OR**
9. Summarize the concept of Campuscoin issuance template. [10M]
 10. Analyze the significant factors and risks related to government regulations in flourishing the blockchain industry. [10M]
- OR**
11. Interpret the partial proposed solutions for handling the technical issues of blockchain. [10M]
