

May-June 2025

Honour Program: Block chain Scheme I

Regular Examination: LY Semester: VIII

Course Code: **HBCC801** and Course Name: **DeFi (Decentralized Finance)**

Date of Exam: **28/05/2025, Wednesday** Duration: 02.5 Hours

Max. Marks: 60

Instructions:

- (1) All questions are compulsory.
- (2) Draw neat diagrams wherever applicable.
- (3) Assume suitable data, if necessary.

| | | Max. Marks | CO | BT level |
|------------|--|------------|-----|----------|
| Q.1 | Solve any Two questions out of Three. | 10 | | |
| i) | How Can You Use Decentralized Finance? Give Future of DeFi. | 5 | CO1 | U |
| ii) | Explain Different Types of Decentralized Finance Platforms. | 5 | CO2 | U |
| iii) | Explain real time practical examples of Defi. | 5 | CO3 | U |
| Q.2 | Solve any Two questions out of Three. | 10 | | |
| i) | Explain Wallets and Asset Management in Defi? | 5 | CO4 | U |
| ii) | Explain The Benefits Of Using Compound? What Are The Alternatives To Compound? | 5 | CO5 | A |
| iii) | Explain Decentralized Stablecoins with real time examples. | 5 | CO6 | U |
| Q.3 | Solve any two questions out of three. | 20 | | |
| i) | Draw and explain architecture of Defi. Give any two examples. | 10 | CO1 | An |
| ii) | Explain Components of DeFi. Explain StableSwap? | 10 | CO3 | U |
| iii) | Explain wBTC need, Tokenization, Common issues, Implementation and structure. | 10 | CO5 | U |
| Q.4 | Solve any two questions out of three. | 20 | | |
| i) | Explain Different Types of Decentralized Finance Platforms. Explain problem with Defi. | 10 | CO2 | U |
| ii) | Explain DeFi Protocols, Rulesets and Algorithms. | 10 | CO4 | A |
| iii) | Explain Decentralized Autonomous Organization with real time examples. Explain cToken Contracts in Compound. | 10 | CO6 | U |
