Dr. Vishwanath Karad
MIT WORLD PEACE UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

MIT-WPU

School of Computer Science & Engineering
T.Y.B.Tech.(CSE) (Academic Year 2023-24)
Mid Term Exam - Semester VI

Course Name:- Blockchain Technology   **Course Code:-CET4007B**

Maximum Marks: 15   **Time: 45 Minutes**   **Date: 2/04/2024**

Instructions:-
1. Solve Q1 or Q2 and Q3 or Q4.
2. Figure to the right indicates full marks.
3. Use of cell phone is prohibited in the examination hall.
4. Neat diagrams must be drawn wherever necessary.
5. Assume suitable data, if necessary and clearly state.
6. Use of scientific calculator is allowed

Q.1 a. Describe with examples Cash/Credit based Electronic payment system. **[4 Marks]**

b. How SET is implemented by CyberCash **[4 Marks]**

OR

Q.2 a. Why scroogecoin cryptocurrency is build? **[4 Marks]**

b. Explain features of blockchain in detail. **[4 Marks]**

Q.3 a. What is the Merkle Tree? Justify its use in Blockchain. **[4 Marks]**

b. State and write about different Bitcoin clients. **[3 Marks]**

OR

Q.4 a. Differentiate Centralization and Decentralization in Bitcoin. **[4 Marks]**

b. Describe distributed consensus protocol in Bitcoin. **[3 Marks]**

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