**QUESTION BANK MODULE-III**

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| **Course Code:** | **20IS63** | **Course Name:** | **Blockchain Technology** |

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| **S.No.** | **Questions** | **Marks** | **CO** | **BL** | **PO** |
| 1. | Define Bitcoin. Describe various types of keys used to generate the addresses of bitcoin | 7 | 2 | L2 | PO1 |
| 2. | Describe Transaction and the Transaction Life cycle of Bitcoin. | 10 | 2 | L3 | PO1 |
| 3 | Describe the high level transaction structure of Bitcoin. | 4 | 3 | L4 | PO2 |
| 4. | Analyze the following opcodes and describe their working.   1. OP\_CHECKSIG 2. OP\_EQUAL 3. OP\_DUP 4. OP\_HASH160 5. OP\_VERIFY 6. OP\_EQUALVERIFY 7. OP\_CHECKMULTISIG | 4 | 3 | L4 | PO2 |
| 5. | Describe the structure of a block and the block header. | 10 | 2 | L3 | PO1 |
| 6. | Describe the structure of transaction used in Bitcoin. | 4 | 3 | L4 | PO2 |
| 7. | Describe various types of wallets used in Bitcoin transaction. | 4 | 3 | L4 | PO2 |