**18CSD33**

**Hall Ticket Number:**

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| **III/IV B.Tech (Regular/Supplementary) DEGREE EXAMINATION** | | | |
| **June, 2022** | **Computer Science and Engineering** | | |
| **Sixth Semester** | **Block Chain Technology** | | |
| **Time:** Three Hours | | **Maximum :** 50 Marks | |
| *Answer Question No.1 compulsorily.* | | | (1X10 = 10 Marks) |
| *Answer ONE question from each unit.* | | | (4X10=40 Marks) |

**1.** Answer all questions (1X10=10 Marks)

|  |  |
| --- | --- |
| a | What is Crypto currency? |
| b | What is a gensis block? |
| c | What is a Bitcoin? |
| d | What is an alternative coin? |
| e | What do you mean by anonymity? |
| f | What do you mean by fungability? |
| g | Is Bitcoin fungable? |
| h | What is gas? |
| i | What is proof of stake? |
| j | Proof of work VS Proof of Stake. Which is more green? |
|  |  |

**UNIT – I**

|  |  |  |
| --- | --- | --- |
| 2 | Explain how Bitcoin works? | 10 M |

**(OR)**

|  |  |  |
| --- | --- | --- |
| 3 | Write about mining of crypto currency. | 10 M |

**UNIT – II**

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| 4 | Explain ‘Wallet’s in detail. | 10 M |

**(OR)**

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| 5 | Write about alternative coins in detail. | 10 M |

**UNIT – III**

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| 6 | Explain world state transaction. | 10 M |

**(OR)**

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| 7 | Explain Etherium Virtual Machine. | 10 M |

**UNIT – IV**

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| --- | --- | --- |
| 8 | Explain applications of the Block Chain outside of the Crypto currencies. | 10 M |

**(OR)**

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| 9 | Explain the challenges faced by the Block Chains. | 10 M |

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