**A.Y. 2020-21**

**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad – 500 100.

**II B.TECH - I Semester (MR19) I MID EXAMNATIONS**

**Subject: Computer Networks Branch: IT**

**Subject Code:** 80517  **Name of the Faculty: Mr.G.Sathish**

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| **MODULE-I** |
| **Q.No.** | **Question** | **Bloom’s Taxonomy Level** | **CO** |
| 1. | What is Network? Explain the Direction of Data flow. | Understanding | 1 |
| **OR** |
| 2. | What is Network Topologies? Explain types of Network Topologies | Understanding | 1 |
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| 3. | Brief about Protocols and Standards of Computer Networks. | Understanding | 1 |
| **OR** |
| 4. | Explain the ISO/OSI model reference model in detail. | Understanding | 1 |
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| 5. | Discuss about TCP/IP model in detail. | Understanding | 1 |
| **OR** |
| 6. | Discuss the current trends in the field of artificial intelligence. | Understanding | 1 |
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| 7. | What is Multiplexing? what are its types of Multiplexing | Understanding | 1 |
| **OR** |
| 8 | Analyze Circuit Switched Networks and Virtual Circuit Networks | Applying | 1 |

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| **MODULE-II** |
| **Q.No.** | **Question** | **Bloom’s Taxonomy Level** | **CO** |
| 1. | Determine the error detection and correction techniques in computer networks. | Applying | 2 |
| **OR** |
| 2. | Determine the Flow Control and Error Control. | Applying | 2 |
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| 3. | What is Framing? Explain the cyclic redundancy check (CRC).  | Understanding | 2 |
| **OR** |
| 4. | Explain High-Level Data Link Control and Point to Point Protocols. | Understanding | 2 |
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| 5. | Discuss about Random access and Controlled access. | Understanding | 2 |
| **OR** |
| 6. | Explain the Channelization and Collision Free Protocols. | Understanding | 2 |
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| 7. | Determine the Local Area network(LAN) - Ethernet IEEE 802.3 and IEEE 802.4 | Applying | 2 |
| **OR** |
| 8. | Explain the IEEE 802.5 and IEEE 802.11. | Understanding | 2 |
| **MODULE-III** |
| **Q.No.** | **Question** | **Bloom’s Taxonomy Level** | **CO** |
| 1. | Determine the Logical Addressing in Network Layer. | Applying | 3 |
| **OR** |
| 2. | Explain the Internetworking and Tunnelling. | Understanding | 3 |
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| 3. | Explain the Address mapping. | Understanding | 3 |
| **OR** |
| 4. | Discuss about Internet Control Message Protocol | Understanding | 3 |

**Signature of the Faculty Signature of the HOD**