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| **Prasad V. Potluri Siddhartha Institute of Technology (Autonomous)** |
| **Department of CSE HOME ASSISGNMENT A.Y:23-24**  |

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| 1 | **Demonstrate networked communication between two hosts following the TCP/IP suite with a block diagram**. |  |  |
| 2 | **Analyse the usage of HTTP and HTTPS protocols in application layers** |  |  |
| 3 | **Distinguish IPv6 over IPv4 protocol in details** |  |  |
| 4 | **Illustrate in detail various IP address assignments** |  |  |
| 5 | **Explain the process for getting started with an API** |  |  |
| 6 | **Illustrate the prototyping online components of writing a new API with Clockodillo example** |  |  |
| 7 | **Select any two messaging protocols and discuss in details****Message Queue Telemetry Transport (MQTT)** |  |  |
| 8 | **Interpret mashing up APIs, Legalities, Scraping****MASHING UP APIS:** |  |  |

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| Roll numbers | questions |
| 225011A0501 TO 514 | 1,2,3,4 |
| 225011A0515 TO 530 | 5,6,7,8 |
| 225011A0531 TO 544 | 5,6,7,8 |
| 225011A0545 TO 558 | 1,2,3,4 |
| 225011A0559 TO 23505A0506 | 7,8,1,2 |