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**Department of Computer Science & Engineering**

**Network Programming Lab Viva questions**

**Batch b1**

1. What is socket?
2. Name the seven layers of the OSI model?
3. What is the difference between TCP and UDP?
4. What does socket consists of ?
5. How do I monitor the activity of sockets?
6. What is the role of TCP protocol and IP PROTOCOL?
7. How should I choose a port number for my server?
8. What is routing?
9. How do I open a socket?
10. How do I create an input stream?



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**Batch b2**

1. How do I close a socket?
2. What is echo server?
3. What this function bind() does?
4. What this function socket() does?
5. What is IP address?
6. What are network host names?
7. How to find a machine address?
8. What is MAC address?
9. What is multicasting?
10. What is DNS?



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**Network Programming Lab Viva questions**

**Batch b3**

1. How does TCP handshaking works?
2. What is Wireshark?
3. Which wireshark filter can be used to check all incoming requests to a HTTP web server?
4. How to capture packets using Wireshark in a switched Ethernet network?
5. What this function socket() does?
6. What this function bind() does?
7. Explain the following features of NS3: i) Tracing ii) NetAnim
8. Explain about the following : a. Pcap file b. gnuplot
9. How does IPv6 solve the problem of IPv4 exhaustion?
10. What is RPL protocol? Explain its significance in IoT.