Computer Network

Assignment: 1

Faculty Name : Nikul Patel Date : 13/7/2020

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| Q-1 | What is Network & Internet? Explain both terms in detail. |
| Q-2 | Explain Switching Techniques in detail. |
| Q-3 | Draw and describe all Network topologies in detail. |
| Q-4 | Explain all network devices which is used in network in detail. |
| Q-5 | Describe OSI reference model in detail |
| Q-6 | Describe TCP/IP model in detail. |

Assignment: 2

Date: 10/8/2020

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| Q-1 | Write note on Web & HTTP. |
| Q-2 | What is FTP? Explain it in Detail. |
| Q-3 | Explain Email protocols in detail. |
| Q-4 | Describe DNS in detail. |
| Q-5 | Explain Socket Programming with TCP & UDP in detail. |

Assignment: 3

Faculty Name : Nikul Patel Date : 28/8/2020

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| Q-1 | Explain transport layer services in detail |
| Q-2 | Write about Multiplexing and Demultiplexing. |
| Q-3 | Write note on Connectionless transport (UDP). |
| Q-4 | Explain Connection-oriented transport (TCP) in detail. |
| Q-5 | Write note on Congestion control |

Assignment: 4

Date: 25/9/2020

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| Q-1 | Write note on Network Service models . |
| Q-2 | Explain Virtual and Datagram networks. |
| Q-3 | Explain Broadcast and Multicast routing in detail. |
| Q-4 | Explain Routing algorithms in detail. |

Assignment: 5

Faculty Name : Nikul Patel Date :15/10/2020

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| Q-1 | Define Data Link Layer. Give it’s introduction. |
| Q-2 | Explain Data Link Layer Services in Detail. |
| Q-3 | Write about Error Detection and Error correction in detail. |
| Q-4 | Explain Multiple Access links and Protocols in detail. |