CSE502 - Computer Networks

P. Pages : 1

Time : Three Hours

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1251

Max. Marks : 80

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Notes :   1.   All questions carry equal marks.
          2.   Assume suitable data wherever necessary.

1. a) Draw and explain OSI reference model. **8**

   b) Differentiate between various switching techniques. **8**

OR

2. a) Explain sliding window protocol. **8**

   b) Explain various framing techniques. **8**

3. a) Briefly explain Bridges and switches. **8**

   b) Discuss point to point Access stack: LCP & NCP. **8**

OR

4. a) Draw and explain 802.5. **8**

   b) Briefly explain CSMA/CD. **8**

5. a) Write short note on Internetworking & Firewalls. **8**

   b) Briefly explain Jitter control & Quality of services. **8**

OR

6. a) Explain Briefly OSPF. **8**

   b) Briefly explain IPv6. **8**

7. a) Explain services and service primitives of Transport Layer. **8**

   b) Draw and explain TCP header. **8**

OR

8. a) Explain the techniques of congestion control. **8**

   b) Briefly explain wireless TCP and UDP. **8**

9. a) Explain Static and dynamic web pages briefly. **8**

   b) Draw and explain Browser Architecture. **8**

OR

10.   Write short note on: - **16**
   i)   DNS
   ii) Mail gateways
   iii) DHCP

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