

**MSIT 22**



**II Semester M.Sc. (IT) Examination, Dec. 2009/Jan. 2010**  
**ADVANCED NETWORKS**  
**(Repeater)**

Time : 3 Hours

Max. Marks: 75

**PART – A**

Answer the following :

**(12×2+1×1=25)**

1. What is synchronous and asynchronous transmissions ?
2. What is URL ? What is its advantage ?
3. Briefly explain TCP/IP.
4. What is the function of CSMA/CS ?
5. Write the limitations and advantages of LAN.
6. What is NIC ?
7. List out the limitations of WAP.
8. What is ISDN ?
9. List the components of LAN.
10. Give the advantages and drawbacks of twisted pair cable.
11. What are search engines ? List a few of them.
12. What is HTTP ? Write its functions.
13. Expand PSTN.

**P.T.O.**



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**PART – B**

Answer **any five** questions :

**(5×10=50)**

1. Explain ISO OSI reference model.
  2. Explain protocols used in LAN technologies.
  3. Write a note on FDDI.
  4. Explain DQDB structure with an example.
  5. a) Explain the various applications of computer network.  
b) Discuss the application of WLAN.
  6. What is SAN ? Explain the benefits of SAN.
  7. Discuss ATM technology and the services offered by it.
  8. Explain any two network topologies in detail.
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