**SHIVAJI COLLEGE**

**(UNIVERSITY OF DELHI)**

DEPARTMENT OF COMPUTER SCIENCE

INTERNAL TEST (ACADEMIC YEAR 2023-24)

Course Name: BSc (PS) Semester: VIth ,  Date: 29-04-2024

Paper Name: Computer Networks Faculty Name: Mr. Pawan Kumar

Duration: 2 Hour Maximum Marks: 40

1. X.25 is …………………………
2. ISO Stands for ……………………………
3. The difference between the number of layers in OSI model and TCP/IP model is = …………………………..
4. Guided media, unbounded media, grounded media and dedicated media are the same terms T/F.
5. Data transmits in coaxial cable in the form of ………………………
6. Number of links required to connect n devices in mesh topology ………………………..
7. RG-59 and RG-11 are used for ……………………. and ……………….. respectively .
8. Infrared waves can penetrate solids. T/F
9. Routing is the concept of ……….. layer of OSI model.
10. Framing is the concept of …………. Layer of OSI model.
11. Describe the OSI model in detail.
12. Define any four network topologies.
13. Explain any four networking devices used at Physical layer and data link layer of OSI model.
14. What is the difference between guided and unguided media, explain with the help of examples.
15. Explain the classifications of computer networks.
16. What is routing, explain.
17. Explain Selective Repeat flow control in detail.
18. Explain any one error detection methods and error correction method each.
19. Explain the terms: Propagation Delay, Transmission Delay, Round Trip Time, Attenuation.
20. Explain any four application layer and session layer protocols

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