**SHIVAJI COLLEGE**

**(UNIVERSITY OF DELHI)**

DEPARTMENT OF COMPUTER SCIENCE

INTERNAL TEST (ACADEMIC YEAR 2023-24)

Course Name: BSc (PS) Semester: VIth ,  Date: 15-04-2024

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

Duration: 1 Hour Maximum Marks: 20

**SECTION-A**

1. ARPANET Stands for …………………………
2. OSI Model was developed by ……………………………
3. The difference between the number of layers in OSI model and TCP/IP model is = …………………………..
4. Guided media, bounded media, grounded media and dedicated media are the same terms T/F.
5. What is the frequency of coaxial cable?
6. 10BaseT , 10BaseFx and 10Base2 Stands for ………………………..
7. RG-59 and RG-11 are used for ……………………. and ……………….. respectively .
8. Infrared waves can penetrate solids. T/F
9. Segmentation is the concept of ……….. layer of OSI model.
10. Bit stuffing is the concept of …………. Layer of OSI model.

**SECTION-B**

1. Describe the evolution of computer networking along with OSI model in details.
2. Define any four network topologies.
3. Explain any four networking devices used at Physical layer and data link layer of OSI model.
4. What is the difference between guided and unguided media, explain with the help of examples.
5. Explain the classifications of computer networks.