CB – 217

VI Semester B.A./B.Sc. Examination, August/September 2023
(CBCS) (F+R) (2016 – 17 and Onwards)
COMPUTER SCIENCE – VIII
Computer Networks

Time : 3 Hours   Max. Marks : 70

Instruction : *Answer all Sections.*

SECTION – A

I. Answer **any ten** of the following. **Each** question carries **two** marks.   **(10×2=20)**

1) Define computer network.

2) What is MODEM ?

3) Mention the difference between Half Duplex and Full Duplex mode of transmission.

4) Explain bit shifting.

5) Define topology. Mention its types.

6) What is CSMA/CD ?

7) What is Burst Error ?

8) Mention the purpose of Network Interface Card.

9) Define protocol. Mention any two protocols.

10) What is subnet mask ? Specify the subnet mask for A, B, C IP Address.

11) What is the limitation of IPv4 protocol ? How to overcome it ?

12) What is a web browser ? Mention any 2 web browsers.

SECTION – B

II. Answer **any five** of the following. **Each** question carries **ten** marks.   **(5×10=50)**

13) a) List the advantages of computer networks.   **(5+5)**

   b) Explain different physical media used in networking.

P.T.O.