035CSC013 – F – 24 – 6782

FIFTH SEMESTER B.SC. (NEP) DEGREE EXAMINATION, FEBRUARY 2024
COMPUTER SCIENCE (Optional)
DSC – 2 : Computer Networks

Time : 2 Hours]

[Max. Marks : 60

*Instruction : Answer **all** Parts based on **internal** choice.*

PART – A

Answer **any five** questions. **Each** question carries **2** marks.

1. Define point-to-point network.

2. What do you mean by connection oriented service ?

3. Define Digital signal.

4. Expand CDMA, TDMA.

5. What is crash recovery in data link layer ?

6. Mention any functions of transport layer.

(5×2=10)

PART – B

Answer **any four** questions. **Each** question carries **5** marks.

7. Explain the TCP/IP protocol suite.

8. Explain any one data transmission medium.

9. Write a note on ALOHA.

10. Explain bluetooth standards.

11. Write a note on de-multiplexing in data link layer.

(4×5=20)

[P.T.O.

PART – C

Answer **any three** questions. **Each** question carries **10** marks.

12. Explain the OSI reference model.

13. Write a note on radio transmission.

14. Explain functions of transport layer.

15. Explain any five protocols of application layer.

(3×10=30)