

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.

 $(5 \times 2 = 10)$

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.

 $(4 \times 5 = 20)$

[P.T.O.

035CSC013 - F - 24 - 6782

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.

(01=Sx2)

15. Explain any five protocols of application layer.

 $(3 \times 10 = 30)$

TCAC

Expressions one case of a Write a note on ALOHA.

Explain bluefooth standards

Explain the 10P IP protocol larte

write a note on do-multiplexing to data link layer.

nswer any rive quastions. Been prestion carnes a marks.

What do you mean by connection oriented service?

revier any four questions. Each question carries 5 marks.