

C 42757

(Pages : 2)

Name.....

Reg. No.....

**SECOND SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2023**

(CBCSS)

Computer Science

CSS 2C 08—COMPUTER NETWORKS

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

Section A

*Answer any **four** questions.
Each question carries 2 weightage.*

1. In OSI which layer will do dialog control ?
2. Define Wide Area Network.
3. What is Trivial file Transfer Protocol ?
4. List the functions of bridges.
5. Give a note on sliding windows.
6. What is PPP ?
7. Write a short note on Authentication.

(4 × 2 = 8 weightage)

Section B

*Answer any **four** questions.
Each question carries 3 weightage.*

8. How star topology is working ?
9. Describe about FTP in detail.
10. How flow control is handled by TCP ? Explain.
11. Explain about the addressing scheme of Token Ring.
12. How public key cryptography is working ?

Turn over

13. What are the different types of firewalls ? Explain.
14. Describe about the CRC method of error detection.

(4 × 3 = 12 weightage)

Section C

*Answer any two questions.
Each question carries 5 weightage.*

15. Describe about the different unguided media in details.
16. Explain about Domain Name System in detail.
17. What is Bridges ? What are the different type bridges ? How it is different from repeater ?
18. Discuss about the different layers of ATM and their functions.

(2 × 5 = 10 weightage)