SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2020
(CUCSS - PG)
CC19P CSS2 C08 - COMPUTER NETWORKS
(Computer Science)
(2019 Admissions: Regular)

Time: Three Hours   Maximum: 30 Weightage

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

1. What are the categories of Network?
2. Write an overview of Home Access Networks.
3. Write a short note on unguided media.
4. Differentiate between TCP and UDP.
5. Write a short note on DES.
6. Give a brief idea about content distribution.
7. Write a short note on FTP.

(4 x 2 = 8 Weightage)

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

8. Write a short note on DNS.
9. Describe about congestion control in Network.
10. Describe about multicast routing.
11. Describe in detail about Key distribution and Certifications.
12. Explain any six networking devices.
13. Describe about Multiple Access protocols.
14. Describe briefly about firewall.

(4 x 3 = 12 Weightage)

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

15. (a) Describe briefly about the network layer services.

    (b) Explain Distance vector algorithm and Dijkstra's algorithm.

16. Explain about Message Integrity.
17. Explain OSI and TCP/IP Models.
18. Explain PPP and ATM protocols.

(2 x 5 = 10 Weightage)

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