

UUCMS No.

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B.M.S COLLEGE FOR WOMEN, AUTONOMOUS
BENGALURU – 560004
SEMESTER END EXAMINATION – MARCH/APRIL- 2023

B.Voc. IT – III Semester

COMPUTER NETWORKS
(NEP Scheme 2021-22 onwards)

Course Code: BVIT3DSC08
Duration: 2 ½ Hours

QP Code: 3034
Max. Marks: 60

Instructions: Answer all the sections.

PART-A

Answer any TEN questions. Each question carries TWO marks.

(10X2=20)

1. Define Computer Network.
2. What are goals of Computer Network?
3. Define redundancy
4. What is meant by error control?
5. Define FTP and IP.
6. What is Bit Rate and Baud Rate?
7. Define Attenuation.
8. What is pure ALOHA?
9. Mention the types of class addressing.
10. Define DNS.
11. Define TELNET.
12. What is sub-netting?

PART-B

Answer any FIVE questions. Each question carries FOUR marks.

(5X4=20)

13. Describe the types of networks.
14. Give a short note on Data Link Layer.
15. Write a note on Frequency Division Multiple Access.
16. Explain Transmission modes with a neat diagram.
17. Describe checksum error detection method.
18. Explain HDLC frame format with neat diagram
19. Discuss in detail about Packet Switching.

PART-C

Answer any TWO questions. Each question carries TEN marks

(2X10=20)

20. Explain OSI reference model in detail.
21. Explain Network topologies with neat diagram.
22. Write Dijkstra's shortest path algorithm.
23. Explain TCP congestion control in detail.

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