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Total No. of Pages : 02

Total No. of Questions : 09

B.Voc. (Web Technologies & Multimedia) (Sem.-4)

COMPUTER NETWORKS

Subject Code : BVWM403-19

M.Code : 79511

Date of Examination : 24-11-2023

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Answer briefly :

- a) Difference between parallel and serial communication.
- b) Differentiate LAN and WAN.
- c) What is Packet switching?
- d) Write concept of FDM.
- e) Define noise in networking.
- f) What is the use of TCP/UDP?
- g) Write about Leaky Bucket algorithm.
- h) Discuss the functioning of cryptography.
- i) What is Domain Name Space?
- j) Write about FTP.

SECTION-B

2. Discuss various wired transmissions used in computer networks.
3. What is error control? How they are used in error detection?
4. Give the introduction of MAC Sub Layer.
5. Discuss the role and elements of Transport Layer.
6. What is meant by congestion control? How it is controlled?

SECTION-C

7. Discuss the block diagram of OSI model with description of each layer.
8. Explain the importance of Network layer? How it provides the routing.
9. Explain the role of session layer and presentation layer in computer networks.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.