

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Voc. (Software Development) (Sem.-6)

COMPUTER NETWORK SECURITY

Subject Code : 7.GV.07

M.Code : 91657

Date of Examination : 04-01-2023

Time : 3 Hrs.

Max. Marks : 30

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.**
2. **SECTION-B contains FIVE questions carrying 2½ (Two and Half) marks each and students has to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying FIVE marks each and students has to attempt any TWO questions.**

SECTION-A

- 1. Write short notes on :**
- a) What is Network Security?
 - b) Write the functioning of gateway.
 - c) What is Spanning tree protocol?
 - d) What is peer to peer architecture?
 - e) Why ADSL are used?
 - f) What is use of MAN?
 - g) Define URL.
 - h) What is remote login?
 - i) Write a short note on Wireless LAN.
 - j) Write the use of UDP.

SECTION-B

2. Discuss various network topologies used in Networking.
3. Explain the use of data link layer in networking.
4. What are LAN switching and its working?
5. What is IP Addressing and sub netting in Internet?
6. Explain the use of HTTPs protocol in Networking.

SECTION-C

7. Explain the layers of TCP/IP model with their functioning.
8. **Write short note on the following:**
 - a) IPv4 vs. IPv6
 - b) Virtual LAN
9. How would you provide the Security to Network?

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.