

Roll No.

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 : 08-07-22

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 2¹/₂ (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 are benefits of Network?
- b. Write the functioning of hub.
- c. What is client server architecture?
- d. Why Modems are used?
- e. What is use of WAN?
- f. Define URL.
- g. What is ICMP?
- h. Discuss the use of Ethernet.
- i. Write a short note on DNS.
- j. Differentiate TCP vs. UDP?

SECTION-B

2. Discuss various transmission media used in networking.
3. Explain the switching technology including layer switches.
4. Give the introduction to Router Configuration.
5. What is IP Address? Give an example of it?
6. Explain the use of FTP protocol in networking.

SECTION-C

7. Explain the layers of OSI model with their functioning.
8. Write a short note on following :
 - a. Differentiate IPv4 vs. IPv6.
 - b. Spanning tree protocol.
9. Write the various steps to securing the Network? Name some hardware and software used in it.

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.