

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 : 28-01-23

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) Differentiate between LAN, MAN, WAN.
 - b) What is difference between Telnet and FTP?
 - c) What is the use of UDP Protocol?
 - d) What is the need of virtual LAN?
 - e) What is Ethernet?
 - f) What are the advantages of Twisted pair as a transmission media?
 - g) What is the use of gateways?
 - h) What is switching?
 - i) What is the function of session layer?
 - j) Differentiate between routers and switches.

SECTION-B

2. What are the various types of computer networks? Explain all by giving examples.
3. What are classes of IP Addresses? Explain with the help of suitable example.
4. What are routers and switches? Also what is difference between switch and a router? Which one is faster?
5. Explain LAN switch types. Explain the working of layer-2 switches.
6. What is remote logging? Explain with the help of suitable example.

SECTION-C

7. Write a detailed note on the ISO-OSI reference model.
8. What are transmission media and what are the various types of guided and unguided media used.
9. Write a detailed note on the following with the help of suitable examples :
 - a) Internet Protocol
 - b) Wireless LAN

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.