Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 09

B.Voc. (Hardware and Networking)(Sem.–4)
INFORMATION SECURITY
Subject Code : BVHN-401-18
M.Code : 77480
Date of Examination : 05-07-22

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. **Write briefly :**

   (a) What are the principles of security?

   (b) What is a Virus?

   (c) What is MIME?

   (d) What is the use of a firewall?

   (e) What is a Worm?

   (f) Explain Secure Socket Layer.

   (g) What do you mean by term "Web Authentication"?

   (h) What is COBIT?

   (i) Explain DES.

   (j) What is use of digital signature?

SECTION-B

2. Explain RSA Algorithm in detail.

3. Differentiate between *'desktop security'* and *'web security'*.

4. Explain Security system development life cycle in detail.

5. What is the use of Intrusion Prevention System?

6. Explain security management techniques.

SECTION-C

7. Explain the working of PGP in detail.

8. What are the international security standards?

9. Explain the various algorithms of Cryptography in detail.

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.