

Roll No.

Total No. of Pages : 02

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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.