

This question paper contains 2 printed pages]

**NA—117—2022**

**FACULTY OF COMMERCE**

**B.Com. (Sixth Semester) EXAMINATION**

**MAY/JUNE, 2022**

**(New Course)**

**COMPUTER APPLICATION**

**Paper (UGCVC-CA-X)/BC-6.4E**

**(Network and E-Commerce Cyber Security)**

**(Tuesday, 14-06-2022)**

**Time : 9.30 a.m. to 1.15 p.m.**

*Time— 3.45 Hours*

*Maximum Marks—75*

*N.B. :— (i) Question No. 1 is compulsory.*

*(ii) Solve all questions.*

1. Attempt the following : 20

- (a) Digital Signature
- (b) E-banking and E-shopping
- (c) Twisted pair
- (d) TCP/IP.

2. Explain OSI Reference Model. 15

*Or*

Explain E-commerce advantages and disadvantages. 15

3. Explain Network Models.

*Or*

Explain types of Network.

**P.T.O.**

WT

( 2 )

NA—117—2022

4. Explain types of cyber attacks.

15

*Or*

Explain Firewalls and SSL.

5. Write short notes on (any *two*) :

10

(i) Radio Frequency

(ii) RAS Algorithm

(iii) Ring and Bus topology.

NA—117—2022

2