

2022

COMPUTER SCIENCE — HONOURS

Paper : SEC-B-2

(e-Commerce)

Full Marks : 80

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

Answer *question no. 1* and *any four* questions from the rest.

1. Answer *any ten* questions :

2×10

- (a) Write two major goals of e-Commerce. ✓
- (b) What is RCF-822? ✓
- (c) Explain Trojan as a technique of hacking. ✓
- (d) Mention any two virus protection techniques. ✓
- (e) What is Electronic Cash? ✓
- (f) Differentiate between Internet and Extranet. ✓
- (g) Write the functionalities of ISP. ✓
- (h) Differentiate between B2B and B2C applications. Give examples. ✓
- (i) Differentiate between Secret Key Cryptography and Public Key Cryptography. ✓
- (j) Explain the use of 'Google Adwords'. ✓
- (k) Write two pros and cons of online shopping. ✓
- (l) Can credit card be called a method of EPS? Justify your answer. ✓
- (m) What is the full form of DDOS? How does it work? ✓
- (n) How does Virtual Private Network (VPN) work? ✓

2. (a) Explain 5C model of e-Commerce.

(b) Explain architectural models of B2B e-Commerce.

(c) State and explain any three disadvantages of e-Commerce.

5+5+5

3. (a) Explain G2B and P2P e-Commerce models with suitable examples.

(b) What are the different types of domain names in internet? Explain them with suitable example.

(c) What are the steps for registering a successful domain name?

(3+3)+(2+4)+3

**Please Turn Over**

4. (a) What are the difference of SSL and ~~S~~HTTP?

~~(b)~~ Explain web promotion with suitable examples.

~~(c)~~ How does shopping Bots help customers?

4+6+5

5. (a) What is EDI? What are the steps associated with EDI?

(b) Explain different payment systems in e-Commerce with examples.

(c) What are the disadvantages of EDI?

(2+5)+4+4

6. ~~(a)~~ What is Digital Signature? How does it work?

~~(b)~~ Differentiate between authorization and authentication.

~~(c)~~ What is Computer Virus? How does it spread in computer?

(2+5)+2+(2+4)

7. Write short notes on (*any three*):

5×3

~~(a)~~ RSA Algorithm

~~(b)~~ e-cycle of Internet Marketing

~~(c)~~ Electronic Fund Transfer

~~(d)~~ ISP

(e) Internet Privacy.