

E 3025



00003025



Reg. No.....

Name.....

B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2022

Fifth Semester

Core Course—E-COMMERCE AND ITS APPLICATIONS

(For B.Sc. I.T.)

[2013—2016 Admissions]

Time : Three Hours

Maximum Marks : 80

Part A (Short Answer Questions)

Answer all questions.

1 mark each.

1. Expand EDI.
2. Expand B2C.
3. Give examples of general purpose portals.
4. What is EFT ?
5. What are the risks in electronic payment systems from a merchant's point of view ?
6. Give examples of token-based payment systems.
7. What is SEPP ?
8. What is e-cash ?
9. What is cryptography ?
10. What is MIME ?

(10 × 1 = 10)

Part B (Brief Answer Questions)

Answer any eight questions.

2 marks each.

11. What is the difference between e-commerce and e-business ?
12. What is POS ?
13. What is SEO ?

Turn over





E 3025

14. What is a horizontal portal ? Give examples.
15. What is G2C ? Give examples.
16. What is a reverse B2B auction ?
17. What is the relationship between a public and private key ?
18. What is the principle of IDS ?
19. What is a denial of service attack ?
20. What is the difference between a computer virus and Trojan horse ?
21. What is a digital signature ?
22. What is S/MIME ?

(8 × 2 = 16)

Part C (Descriptive/Short Essay Type Questions)

*Answer any **six** questions.*

4 marks each.

23. Explain various modes of *e-commerce*.
24. What are the different types of B2B models ?
25. What are the advantages and disadvantages of B2C from a customer standpoint ?
26. What is the difference between prepaid and postpaid payment systems ?
27. Explain how is SET an improvement over SEPP ?
28. Explain the application and usage of a digital certificate with illustrations.
29. Explain the process and working of public key cryptography.
30. What are the different types of firewalls ?
31. What are the different types of computer viruses ?

(6 × 4 = 24)





E 3025

Part D (Long Essays)

*Answer any **two** questions.*

15 marks each.

32. Explain in detail the anatomy of a Secure Electronic Transaction (SET) highlighting the role of each participant.
33. Explain in detail the various types of electronic payment systems.
34. Explain payment processing in VISA secure electronic transaction.
35. Explain various tools and methods to improve security in *e*-marketplace.

(2 × 15 = 30)

