

C 61266

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Name.....

Reg. No.....

FOURTH SEMESTER B.C.A. DEGREE EXAMINATION, APRIL 2019

(CUCBCSS—UG)

B.C.A.

BCA4C07—E.COMMERCE

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A

*Answer all the questions.
Each question carries 1 mark.*

1. Define e-commerce.
2. In internal resisting issues in e-transition why we say that lack of skill and funds to implementation of IT in companies ? Justify.
3. What is B2C ? Explain with examples.
4. Write any *three* advantages of brokerage model.
5. What is a subnet masks ? When we use it ?
6. What is a smart agent ?
7. What are different security issues ?
8. What is worm ?
9. What are the different disadvantages of debit cards ?
10. What is EFT ?

(10 × 1 = 10 marks)

Section B

*Answer all the questions.
Each question carries 2 marks.*

11. What are the different disadvantages of e-commerce ?
12. What are the different ways to categorize e-business models? Explain.
13. What are the different classification of e-governments ? Explain any *one*.
14. Explain FTP.
15. When we say that the internet security is weak authentication ? Why ?

Turn over

16. What are the different security initiatives taken by NASSCOM ? Explain.
17. List any *four* security requirements for safe e-payments.
18. What are the different benefits to sellers in the e-payment system ? Explain.

(8 × 2 = 16 marks)

Section C

*Answer any **six** questions.
Each question carries 4 marks.*

19. Explain, what are the developments that have contributed to the emergence of the internet as an electronic commerce infrastructure ?
20. What are the different factors that characterize electronic auction ? Explain each.
21. What community model? Explain its functions on web.
22. What are the different benefits of mobile agents ? Explain.
23. Explain IP address system in detail.
24. What is firewall ? Why it is used ? Explain.
25. What are the major kinds of computer crimes ? Explain.
26. How digital signature technology works ? Explain.
27. How smart card payment system works ? Explain.

(6 × 4 = 24 marks)

Section D

*Answer any **three** questions.
Each question carries 10 marks.*

28. Write a note on :
 - (a) Architecture and working of HTTP.
 - (b) Internet and India.
 - (c) Different opportunities of e-commerce.
29. What is an information intermediary ? Explain info- mediary model in detail with value addition, classification, evaluation and examples.
30. (a) What are the different client server applications ? Explain network routers and switches.
(b) Why we needed the IPv6? Explain layer system in TCP/IP.
31. Explain - phishing, skimming, packet filtering and spoofing.
32. (a) What are the different major risks in e-payment ? Explain each.
(b) What is RSA algorithm ?

(3 × 10 = 30 marks)