BACHELOR OF COMPUTER APPLICATION
Fifth Semester
INTERNET & E-COMMERCE
(BCA - 23)

Duration: 3Hrs.   **Full Marks: 70**

Part-A (Objective) =20
Part-B (Descriptive) =50

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins.   **Marks: 50**

I. Answer any *five* of the following questions:

1. Define Ecommerce. What are the advantages and disadvantages of Ecommerce?

    (3+7=10)

2. Define five different types of Ecommerce based on the relationship of transaction parties.   (10)

3. Define E-Payment system. Explain the types of E-payment systems.   (4+6=10)

4. What is E-Security? Explain various network security threats.   (2+8=10)

5. Define E-Democracy with examples. What are the advantages of E-democracy?

    (6+4=10)

6. What is Cyber-Law? Explain various types of cyber crime.   (3+7=10)

7. Explain the types of firewalls available in E-Security. What are the limitations of Firewalls?   (5+5=10)

8. Write short notes on: (4+3+3=10)

    a. Telnet

    b. FTP

    c. MIME

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Duration: 20 minutes   **Marks – 20**

(PART A- Objective Type)

I. Choose the correct answer: **1×20=20**

1. VAN stands for
   1. Variable Added Network   2. Value Added Network
   3. Value Added Number   4. None of the above

2. EDI stands for
   1. Electronic Data Interchange   2. Electronic Data Integer
   3. Evaluation Data Interchange   4. None of the above

3. _____was the first company which used a term E-Commerce.
   1. IBM   2. HP   3. Dell   4. TDCC

4. Ecommerce opportunities for business include
   1. Banking sector   2. Financial sector
   3. Both 1 and 2   4. None of the above

5. The most widely used client server applications are
   1. FTP   2. VAN
   3. EDI   4. None of the above

6. Network address range from 128.0.0.0 to 191.0.0.0 belongs to
   1. Class A   2. Class B   3. Class C   4. Class D

7. _____is called an electronic identity card.
   1. Smartcard   2. Debit card
   3. Digital certificate   4. None of the above

8. Network security ensures that only authorized users can access the information.
   1. True   2. False

9. A _____ is a means to act as a defense mechanism.
   1. Firewall   2. Virus   3. Worms   4. Trojan Horse

10. Static firewalls are generally pre-configured and they allow or deny accesses from outside by default.
    1. True   2. False

11. Level of quality or protection is not a factor to consider in a firewall.
    1. True   2. False

12. Unsolved act issues in IT ACT 2000 includes
    1. E-governance   2. Taxation issues
    3. Cyber crime   4. None of the above

13. ICT stands for
    1. Information and Communication Technology.
    2. Information and Commutative Technology.
    3. Integral and Communication Technology.
    4. None of the above.

14. E-Democracy or Internet Democracy incorporates 21st century information and communication technology to promote democracy.
    1. True   2. False

15. E-Governance has_____ models as given by Dr. Arie Halachini.
    1. 4   2. 5   3. 3   4. 2

16. Classification of cyber crime includes
    1. Cyber terrorism   2. Fraud
    3. All of the above   4. None of the above

17. 24 x 7 operations is not an advantage of Ecommerce.
    1. True   2. False

18. _____ is that model of Ecommerce whereby a company conducts its trading and other commercial activities through Internet.
    1. B2B   2. B2G   3. C2C   4. None of the above

19. HTML stands for
    1. Higher Text Markup Language   2. Hyper Text Mark Language
    3. Hyper Text Markup Language   4. None of the above

20. A _____ has an address on the Internet Network.
    1. ATM   2. Router   3. Switch   4. LAN

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