

**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) What is the use of Digital Signature?
  - (b) What is E-ticket? When is it used?
  - (c) State the functionality of Enterprise Content Management.
  - (d) Name any two web server software.
  - (e) What is the full form of TCP/IP? Write its usage.
  - (f) How does eavesdropping work as a threat to internet?
  - (g) Explain the use of 'Google adworks'.
  - (h) What are the differences between B2G and B2C applications?
  - (i) Explain the functionalities of firewall.
  - (j) What is Polymorphic Computer Virus? Give one example.
  - (k) What is the use of Data Encryption Standard (DES)?
  - (l) State any two differences between Authorization and Authentication.
  - (m) State any two disadvantages of Internet Marketing.
2. (a) Describe the technical components required for e-commerce.  
(b) Explain 5C model of e-commerce.  
(c) State and explain any three advantages of e-commerce. 5+5+5
3. (a) Explain pretrail as a function of e-commerce. What are its components?  
(b) Write the steps of RSA.  
(c) Explain C2C and P2P e-commerce models with suitable example. (1+3)+6+5
4. (a) Explain Storage Area Network (SAN) and Virtual Private Network (VPN) with a suitable diagram.  
(b) Explain different types of electronic payment system.  
(c) Explain the functionality of Internet Service Provider (ISP) with proper diagram. 6+5+4

**Please Turn Over**

5. (a) What are the essential features of any Secured Electronic Transaction (SET)?  
(b) Explain SSL and SHTTP as security protocols in Internet.  
(c) State any three reasons why remote monitoring of computers needed in e-commerce. 4+5+6
6. (a) What is EDI? What are the steps associated with EDI?  
(b) Write the key features of B2B.  
(c) Briefly explain e-cycle of internet marketing. (2+5)+4+4
7. Write short notes on (**any three**) : 5×3
- (a) Public key Encryption
  - (b) Computer Crime
  - (c) Internet Domain name
  - (d) Internet Privacy
  - (e) Web Promotion.
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