

BE3-R4 : E-BUSINESS

NOTE :

1. Answer question 1 and any FOUR questions from 2 to 7.
2. Parts of the same question should be answered together and in the same sequence.

Time : 3 Hours

Total Marks : 100

1. (a) Differentiate between E-Business and E-Commerce.
(b) List possible Threats to E-Commerce.
(c) Compare between HTTP and HTTPS.
(d) What is IP spoofing ? How is IP spoofing detected ?
(e) Define Consumer to Consumer model. Give an example of it in real life.
(f) What is the role of Payment gateways in today's E-commerce ? List any three payment gateways used in India.
(g) Explain cryptography. Write some differences between Symmetric and Asymmetric encryption. (7×4)

2. (a) Discuss various characteristics of E-Business along with its pros and cons.
(b) Explain E-Commerce and its categories in detail.
(c) Write difference between Applet and Servlet.
(d) Discuss 2-tier client server architecture along with its pros and cons. (5+5+4+4)

3. (a) Explain some legal disputes in B2C E-Commerce System.
(b) What is a firewall ? State the function of firewall in E-Commerce.
(c) Write a note on :
(i) IPsec protocol
(ii) Secure Socket Layer
(d) Has COVID-19 impacted the E-Commerce market ? Give examples to support your answer. (4+5+4+5)

4. (a) What are possible Domain name disputes faced in an E-Commerce System ?
(b) What is the role of Trademark in E-Business ?
(c) Discuss various electronic payment systems used today. Which payment system the merchant prefers the most and why ?
(d) Describe the Tort Law on Internet with an example. (4+4+4+6)

5. (a) Explain SET Protocol with a diagram.
(b) Discuss in brief virtual auction. Explain the difference between virtual auction and reverse auction.
(c) Explain Brick and Click model with a real-world example.
(d) What role does Supply Chain Management plays in B2B E-Commerce ? (3+4+5+6)

6. (a) In an RSA cryptosystem, a user X uses two prime numbers $p=5$ and $q=17$ to generate his public and private keys. If public key of X is 35. Find the private key of X.
- (b) What is a digital signature ? Describe the working of digital signature.
- (c) What is an Intellectual property and Intellectual Property Rights ? What are different categories of intellectual property ? Write some features of Indian Copyright Act. (6+6+6)
7. (a) What is virtual organization ? How it is different from traditional organization ? Elaborate challenges and future of virtual organization.
- (b) Write a note on :
- (i) Future of E-Commerce
 - (ii) Digital Certificate
 - (iii) Role of Internet and www in E-Commerce (9+9)

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