

Assignment Questions-BCA-5th Semester (MIS and E-Business)

Unit-1- Introduction to E-Commerce

1. Describe some of the benefits of studying EC.
2. Define EC and e-business.
3. Distinguish between pure and Partial EC
4. Describe the key elements of the L-commerce infrastructure.
5. Define intranets and extranets.
6. List the major components of EC framework.
7. What is GPS? How does it work?
8. What are some of the basic questions addressed by location-based services?
9. List five benefits each to customers, organizations, and society.
10. Define geographical information systems. How do they relate to LBS?
11. Define social networks.
12. Describe the capabilities networking services (SNSs).
13. Define Social commerce.
14. List the services enabled by LBS.
15. Define social commerce.
16. Describe social location based marketing.
17. List some applications of LBC.
18. List the major technological and non-technological barriers and limitations to EC.
19. List the major barriers of LBC.
20. Define m-commerce.
21. List and briefly describe drivers of m-commerce.
22. Describe the major online enterprise applications.
23. List five major mobility trends 20. Briefly describe the five attributes of m-commerce.
24. Describe the framework of m-commerce applications.
25. What are the major categories of m-commerce applications?
26. Describe the landscape of m-commerce.
27. What are the major benefits of m-commerce?

Unit-2- The Network infrastructure for E-Commerce

1. What is I-way? Explain components of I-way?
2. Explain four pillar of e-commerce infrastructure?
3. What is WAP? Explain working mechanism of WAP.
4. What is WAP? Explain working major limitation of WAP.
5. Comparatively explain 2G, 3G, 4G and 5G Technology to provide wireless services.
6. Explain wireless security issues.

Unit-3-Introduction to Management Information System

1. Explain data, information and information system with example.
2. Why information is important? Explain the characteristics information with example.
3. Explain Management information system and its usage in the organization.
4. Explain Transaction processing System with its major characteristics.
5. How does DSS add value for organization explains with proper example?
6. Comparatively differences among TPS, MIS, DSS, ESS.
7. How do enterprise systems help businesses achieve operational excellence?
8. How do supply chain management systems coordinate planning, production, and logistics with suppliers?
9. How do customer relationship management systems help firms achieve customer intimacy?
10. What types of companies are most likely to adopt cloud-based ERP and CRM software services? Why?
11. What companies might not be well-suited for this type of software?
12. What are the challenges posed by enterprise applications?
13. List and describe the challenges posed by enterprise applications.
14. Explain how these challenges can be addressed?
15. Which enterprise application should a business install first: ERP, SCM, or CRM? Explain your answer.

Unit-4- E-commerce Security and Fraud Issues and Protection

1. How you define network security?
2. Explain the Network security goal with example.
3. Differentiate between authorization and authentication.
4. Why firewall is required in organization.
5. What are the limitations of firewall?
6. What is DDOS attack?
7. Explain the working mechanism of Anti-virus software.
8. What is VPN? Write three applications of VPN.
9. Explain the public/private cryptography in detail.
10. What is digital signature?
11. How does digital signature work?
12. Define the term 'Certification authority' e-commerce.
13. What is PKI?
14. Explain the limitation of encryption.
15. Differentiate between digital signature and digital certificate.
16. What is SSL? Explain the working mechanism of SSL in e-commerce web site.
17. Explain EC security requirement in details.
18. Explain basic terminology of EC Security.
19. What is technical attack? Explain five technical attacks on EC Application.
20. What is ransomware? Explain defense technic of ransomware.
21. What is digital signature? Explain the requirements of digital signature in secure transaction.
22. Explain the working mechanism of digital signature.
23. What is CA? Explain the working mechanism of CA.
24. Explain working mechanism of Secure Sockets Layer (SSL).
25. Explain the Securing e-commerce networks.
26. How does a VPN work and how does it benefit users?
27. List the basic types of firewalls and briefly describe each, commerce.
28. What do you mean by Third party authentication in e-commerce?
29. Define biometric systems and list five of their methods.
30. Define access control.
31. Briefly describe the major types of IDSs.
32. How does one protect against spam?
33. How does one protect against pop-ups?
34. How does one protect against phishing, spyware, and advertising?
35. How does one protect against ransomware?

Unit-5- E-Payment Systems

1. What is e-payment system? Describe online payment system in details.
2. What is the virtual currency? Explain its advantages and disadvantages.
3. What is e-checking? Describe its working mechanism.
4. What are the Bitcoin Competitors and the Future of Math-Based Currencies?
5. What are the mobile payment participants and issues? Explain about international payment system.
6. Explain online payment system in Nepal.

Unit-6- Launching a Successful EC Website

7. Describe the website design criteria that one should show while designing an e-commerce website.
8. How important web contents are for e-commerce systems? Discuss their types. Justify, with examples, how web Contents can be used to promote cross-selling, up-selling and promotions in e-commerce.
9. What is Business case and what are components of business case.
10. Explain Classification of websites.
11. Write about the process of building a website.
12. Basic hierarchical website structure.
13. Describe about Webpage Layout.
14. What are the processes of building website?

The end