Computer Networks (Topics covered)

Chapter 1

Short Notes/ Short questions:

1. E-Commerce, E-Business.

2. Dot-com, Pure Dot-com.

3. Categories of Electronic Commerce.

4. Transaction

5. EFT, EDI.

6. VAN

7. Merchandising.

8. Transaction cost.

9. Network effects.

10. Activity.

11. Business Process.

12. Trading partners.

13. EDI problems.

14. Business model and revenue model.

Broad Questions:

1. Elements/ Categories of Electronic Commerce.

2. The development and growth of e-commerce.

3. Characteristics of first and second wave.

4. Advantages and disadvantages of E-commerce.

5. Economic forces of electronic commerce.

6. International nature of electronic commerce.

Chapter 1

Short Notes/ Short questions:

1. Computer network

2. Basic tech structure of computer network.

3. 3 (three) characteristics of WWW.

4. History of internet.

5. Network access provider.

6. Internet service provider.

7. Two characteristics of web.

8. Hypertext server.

9. HTML

9. Hyperlink

10. Circuit.

11. Circuit switching.

12. Characteristics of circuit switch.

13. Packet switch.

14. Routing algorithms.

15. Routing tables.

16. Internet backbone.

17. Intranet.

18. Extranet.

19. Protocol.

20. Types of domain name.

21. Name of email protocol.

22. Types of spam

23. Markup language.

24. Mark up tags

25. Types of markup language.

26. Meta language.

27. W3C

28. Advantage, disadvantage of leased network.

29. Encapsulation

30. IP wrapper.

31. Types of wireless connection

32. Roaming.

33. Hotspot.

Broad Questions:

1. Define mark-up language and mention the types of markup language. Also mention the development of hypertext.

2. Define Circuit switching and packet switching. Also briefly explain intranet and extranet. Which one of them are public network and private network. Why? And also mention how to turn public network into private network.

3. Explain the factors affecting connectivity.

Chapter 3

Short Notes/ Short questions:

1. Web servers.

2. Dynamic page

3. Static page

4. Servers

5. Web servers

6. Email servers

7. Database servers

8. Black list spam

9. Open relay blacklist system

10. Spam house project.

11. White list

12. Full privileged FTP.

13. Anonymous FTP.

14. Orphan files.

15. Centralized architecture

16. Decentralized architecture

17. Load Balancing.

Broad Questions:

1. What is web? Name and discuss the types of web discuss the dynamic contents and dynamic page generation tools.

2. What is server? Discuss all 3 (three) types of server and describe client-server architecture with appropriate figure and discuss both request and response messages.

3. What are the software’s used in web-servers?

4. What is email? Describe the benefits and drawbacks of email.

5. Define spam mail and the solutions for spam mail. What are the other legal solutions on spam emails?

6. Describe all the website utilities programs.

7. Describe all the webserver hardware’s.

Chapter 4

Short Notes/ Short questions:

 1. Web catalogue revenue model.

2. Free of content revenue models.

3. Advertising as a revenue model.

4. Types of value chain used in fee for transaction revenue model.

5. Types of free for service revenue models.

6. Customer centric web site design.

Broad Questions:

1. What is an e-commerce revenue model? Describe all the e-commerce revenue model that are available for online business.

2. Describe the revenue strategy issues for online businesses.

3. Describe how to create an effective business presence online?

4. Discuss about the website usability.