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Lecture 1 to 23 Handouts MCQ's

Lesson 1 to 10

1. **_____ is an emerging concept that describes the process of buying and selling or exchanging of products, services and information via computer networks including the internet.**

Electronic commerce

2. **When two or more intranets are connected with each other, they form an _____.**

Extranet

3. **HTTP stand for _____?**

Hyper transfer Protocol

4. **HTTP is a _____ step process per transaction.**

Four

5. **A record is left of all web transaction in a file that resides at the server called _____ file.**

Common log

6. **A _____ can be anything from a simple collection of computers at one location connected through a connectivity media to the internet (a global network of networks).**

Network

7. **LAN stand for _____.**

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Local Area Network

8. _____ are those standard rules using which computers on a network communicate and exchange data with each other.

Network protocols

9. A group of protocols that prepare the data for communication on the network is called the_____.

Protocol stack

10. OSI Stand for _____.

Open System Interconnection Reference Model

11. The process of moving the data down the OSI Protocol stack at the sending machine is called _____.

Encapsulation

12. The process of moving the data up the OSI stack at the receiving side is called _____.

De-encapsulation

13. How many type modes of communication_____.

Three

14. _____ means communication in two directions while both parties are able to send data simultaneously.

Full-duplex

15. TCP stand for_____.

Transmission Control Protocol

16. UDP stand for_____.

User Datagram Protocol

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17. Internet communication model (TCP/IP Stack) proposes_____ layer architecture.

Four

18. DNS stand for_____.

Domain Name System

19. The translation or resolution of a fully qualified domain name into its IP address takes place using the hierarchy of special computer machines called _____ Servers.

Domain Name

20. Data to be delivered on a network has to be converted first into serial transmission. This is done through a device called _____ that must be installed in a computer on the network.

Network Interface Card (NIC)

21. NIC has also got printed on it a 48 bits unique address called the _____ or hardware address of the computer machine.

MAC

22. There are _____ main types of Network Topology.

Three

23. In server-based approach there is a _____ server machine that can serve users' requests for the sharing of resources on a network.

Centralized

24. _____can divide large networks into logical segments called Subnets on the basis of IP addressing scheme.

Routers

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25. How many types of copper base cables____?

Two

26. ISPs stand for_____.

Internet service provider

27. The ISP at the top of the hierarchy which is connected with internet backbone is called_____.

Internet Access Provider

28. An internet trunk line or backbone passing through a metropolitan area is also called _____.

Metropolitan Area Ethernet

29. MAE stand for _____.

Metropolitan Area Ethernet

30. An HTML document starts with _____tag which has its closing tag.

<HTML>

31. The entire text work (including tables, images, lists, buttons etc.) is contained within a pair of _____tag.

<body>

32. A _____tag can also be used before the body tag to provide title and other information about the web page.

<Head>

33.
 tag is used to provide a _____.

Line break

34. and are used for____.

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Bold text

35. and are used for _____

Italic text.

36. <u> and </u> are used of_____.

Underlined text

37. <big> and </big> for _____.

Bigger font size.

38. <UL> and </UL> are used to create _____ list.

Unordered

39. Most popular type of style sheets is _____Style Sheets.

Cascading

Lecture 11 to 20

40. _____ describe actions that occur as the result of user interaction with a web page or other browser-related activities.

Events

41. The keywords responsible for activating certain actions on HTML document are called_____.

Event handlers

42. A variable in JavaScript can be defined using the keyword _____ and a function by the Keyword 'function.

'var'

43. Information contained in the small brackets of a function is called_____.

Arguments

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44. XML differs from HTML in _____important respects.

Two

45. Internet presents a two-way communication model, also called the _____.

Client-Server Model

46. _____ are usually generated by JavaScript or CGI scripts.

Cookies

47. A _____database or simply database is a collection of information stored in tables.

Relational

48. CGI stand for _____.

Common Gateway Interface

49. SQL stand for _____.

Structured Query Language

50. _____ is a machine that serves up the web page requests of a client on the internet.

Web server

51. Large companies establish connections between their e-commerce software and their existing accounting system by using a type of software called _____ which is a part of e-commerce software package.

Middleware

52. A program that performs a specific function such as creating invoices/bills or processing payment received from customers is called an _____ program.

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Application

53. _____ are defined as a combination of software tools that allow application software in one organization communicate with other programs/applications over a network by using a specific set of standard protocols.

Web services

54. ERP stand for _____.

Enterprise Resource Planning

55. _____ is a concept that integrates all aspects of a business e.g, accounting, logistics, manufacturing, marketing, planning, project management etc. at a single place.

Enterprise Resource Planning (ERP)

56. Software that has been developed to meet this goal is called _____ Software.

Knowledge Management

57. An _____ is a software program that is capable of autonomous action in its environment in order to meet its objectives.

Agent

58. Such attacks are basically a result of eavesdropping through which the hacker is able to know the account ID or password of a particular user.

Password attacks

Lesson 21 to 23

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59. A _____is a combination of hardware and software that sits between the internet and internal network of an organization to protect the network from outside attack.

Firewall

60. There are _____main types of firewalls.

Three

61. It can also determine whether TCP/IP connection between a host and a machine outside firewall has been properly established.

Circuit level firewall

62. VPN stand for_____.

Virtual private network

63. RAS stand for _____.

Remote Access Server

64. _____ is the technique of converting a message into unintelligible or non-understandable form such that even if some unauthorized or unwanted person intercepts the message he/she would still not be able to make any sense out of it.

Cryptography

65. _____is a collection of mathematical techniques used to ensure confidentiality of information.

Cryptography

66. The process of scrambling a message with the help of a key is called_____.

Encryption

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67. The process of unscrambling a message using an appropriate key is called _____.

Decryption

68. A _____ authority is defined to be a trusted public/private body that attests the association of a particular individual with his/her corresponding public key.

Certification

69. Certification authorities work in a _____ fashion.

Hierarchical

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