CCA – 102 : Date Communications

ASSIGNMENT

1. What are different types of networks ?

Answer: - 11 Types of Networks Explained : VPN, LAN &More – Belden .
˟ personal Area Network (PAN) …..
˟ LOCAL Area Network (WLAN)…..
˟ Wireless Local Area Network (WLAN)…..
˟ Campus Area Network (CAN)…….
˟ Metropolitan Area Network (MAN)…..
˟ Wide Area Network (WAN)…
˟ Storage – Area Network (SAN)…
˟ System – Area Network (also known as SAN)----

2. Explain the shielded twisted pair (STP)?
Answer:- shielded twisted pair cable (STP)has the individual pairs of wires wrapped in foil , which are then wrapped again for double (UTP) has each pair of wires twisted together . Those wires are then wrapped in tubing without any other protection.

3 . What is difference between baseband and broadband transmission?
Answer :- The major difference : Ambassadors and High commissioners are both diplomats , who are responsible for representing their home country in a foreign country …. An ambassador is the highest ranking diplomat that is send to another sovereign state or international organization to   represent their home countr

4.What is difference between a hub , modem , router and a switch ?
Answer:- Usually , the Internet port on a router will connect to your modem and the rest of the ports are for switches . A modem has a single coaxial port for the cable connection from your ISP and a single Ethernet port to link the Internet port

5. When you move the NIC cards from one pc , does the MAC address gets transferred as well?
Answer:- (74) When you move the NIC cards from one pc to another PC , does the MAC addresses are hard –wired into the NIC circuitry , not the PC This also means that a PC can have a different MAC address when another one replaced the NIC card

6. When troubleshooting computer network problems , what common hardware – related problems can occur ?

Answer:- when troubleshooting computer network problems can occur ? A large percentage of a network is made up of hardware . problems in these areas can range from in these areas can range from malfunctioning hard drives , broken NICs , and even hardware startups.

7. In a network that contains two servers and twenty workstations, where is the best place to install an Anti – virus program ?

Answer:- In a network that contains two servers and twenty workstations , where is the best place to install an anti – virus program ? When troubleshooting computer network problems ,what common hardware – related problems can occur ?

8. Define Static IP and Dynamic IP ? Discuss the difference between IPV4 and IPV6

Answer :- Difference Between IPv4 and IPv6 Addresses that are binary numbers . Comber while IPv4 , IPv4 is 32 bit binary number while IPv4 address are separated by periods while IPv6 address are separated by colons.

9. Discuss TCP/IP model in detail.

Answer :- TCP /IP Reference Model is a four –layered suite of communication protocols . It was developed by the DOD (Department of Defence) in the 1960s . It is named after the two main protocols that are used in the model , namely , TCP and IP. TCP stands for Transmission control and IP stands for Internet protocol

10. What is a web Browser (Browser)? Give some example of browsers.

Answer :- A web browse is a client machine software that is used to access website and web content available over the Internet or world wide web . the most popular types of web browsers are .

ₓ Firefox

ₓ chrome

ₓ opera

ₓ safari

ₓ UC Browser

11.What is a search engine ?Give example.

Answer :- A search engine is web – based tool that enables users to locate information on the world wide web . popular examples of search engines are Google , yahoo ! ,,and MSN Search engines utilize automated software applications (referred utilize automated software

applications (referred to as robots , bots , or spiders) that travel along the web following links from page to page , site to site . to create a searchable index of the web .

12. what is the Internet & www ? what are the uses of internet in our daily life ?

Answer :- Today , the internet has become unavoidable in our daily life . Appropriate use of the internet makes our life easy, and figures , information and knowledge for personal ,social and economic development.

13. what is an Internet service provider ? Give some example of ISP in India .

Answer :- Today ,the internet has become unavoidable in our daily life . Appropriate use of the internet   makes our life easy , fast and simple .

The internet   helps us with facts and figures , information and knowledge for personal , social and economic development .

14. Discuss the difference between MAC address , IP address and port address .

Answer :- The main difference MAC Address is used to ensure the physical address of computer . It uniquely identifies the devices on a network . While IP address are used to uniquely identifies the connection of network with that device take part in a network.

Both MAC Address and IP Address are used to uniquely defines a devices the

15 . How do we view my Internet browser 's history?

Answer :- 1.   At the right , tap more . History . if your address bar is at the bottom , swipe up on the address bar . tap history .

       2.To visit a site tab the entry . To open the site in a new tab , touch and hold the entry . At the top right , tap more . open in new tab copy the site , touch and hold the entry .