

Exp 18 Configuration of Internet Connection

Actual Procedure followed: We apply the given procedure of setting up a cable internet connection and setting up a DSL internet connection.

Resources Used: Computer system, cable and DSL modem.

Precautions followed: Assign appropriate IP address to device and note down the username and password

Result: - We are able to set up the internet connection..

Interpretation of Result:- We are able to set up the internet connection.

Conclusion: - We are able to set up the internet connection.

Practical Related Questions:

1. What is the role of ISP's?

Ans:- Internet services typically provided by **ISPs** can include Internet access, Internet transit, domain name registration, web hosting, Usenet service, and colocation.

An **ISP** typically serves as the access point or the gateway that provides a user, access to everything available on the Internet.

2.List types of modems?

Ans:-1. External modem

An external modem is a standalone modem that does not contain a router. It can, but is rarely, attached directly to a computer via USB, Ethernet or sometimes wifi. Usually it will be attached to a separate router so you can share your connection with multiple network nodes around the home or office.

2.Router/Modem Combo

A router/modem combo is a modem that is contained within a router, which allows multiple computers/devices to connect within one network. It is a fairly common technology nowadays as it means networks don't need a separate modem and router.

3.Integrated modem

An integrated modem is a modem that is contained within a computer (usually by USB or as a PCI card). As most people have a range of computers and devices they want to connect to the internet, this type of modem isn't really used anymore as it only allows the one computer to connect to the internet.

4.Cable, DSL, Fiber, Dial-up Modems

As well as integrated and external modems, routers can also be categorized by the type of service you use to connect to the internet. These are cable, DSL, Fiber and dial-up modems. Most common are cable and DSL, although if you live in an area with fiber optic access this can really speed up your internet.

3. What are the hardware /software requirements for internet connection?

Ans:- Hardware Requirement :

- To connect the Internet, any one of the following is mandatory.
- Modem is used to connect Internet through Telephone connection.
- NIC- Network Interface Card(wired/ wireless) facility is the most important hardware required to connect Internet. For example, the Laptop can be connected Internet through the wired/wireless.
- Dongle is used to connect the Internet using cellular network
- Wi-Fi router or Hotspot is used to connect the Internet using wireless network
- Electronic device which supports cellular network
- Internet Connectivity such as Dial-up connection, ISDN, DSL, Cable TV, wired and wireless (Cellular) Network.

Software Requirement

- The operating system should support TCP (Transfer Control Protocol) / IP (Internet Protocol), SMTP (Simple Mail Transfer Protocol), FTP (File Transfer Protocol), HTTP (Hyper Text Transfer Protocol) and HTTPS (Hyper Text Transfer Protocol Secured) protocols.
- Browsers and other Internet clients access to the web applications such as Outlook, Gmail, Whatsapp, Facebook, Twitter and etc.

Exp 19:- Internet for different web services

Actual Procedure followed: We apply the given procedure to create a user account for e-mail, send email to different users and perform chatting on internet.

Resources Used: Computer system, web browser

Precautions followed: email address is written properly and follow the instruction related to safe use of internet.

Result:- We are able to create a user account for e-mail, send email to different users and perform chatting on internet

Interpretation of Result:- We are able to create a user account for e-mail, send email to different users and perform chatting on internet

Conclusion: - We are able to create a user account for e-mail, send email to different users and perform chatting on internet

Practical Related Questions:

1. Enlist any three chatting environment?

Ans:- Three chatting environment are as under-

1. Google Hangouts - Google Hangouts is a communication platform developed by Google which includes instant messaging, video chat, SMS and VOIP features. ... Most of these messengers allow the use of photos, emojis, and making video calls for free.

2. Whatsapp - WhatsApp Messenger is a freeware and cross-platform instant messaging service for smartphones.

3. Facebook - Facebook Messenger is an instant messaging service and software application which was originally developed as Facebook Chat in 2008 by Facebook.

2. Write procedure to create new group in messenger.

Ans:- Click on the “New Message” to the top left.

Launch the **Messenger** app on your phone.

1. Now tap on the "New Message" icon in the upper right corner of the screen.
2. Scroll through the list of people, and then tap to place a checkmark in the empty circle to the right of any people you want to invite to a **group** conversation.

3. Write procedure to create signature while sending e-mail.

Ans:- Step 1: At first you need to open your Gmail account using any browser. Step 2: Next in the right, click Settings. Step 3: In the **Signature** section, **add** your **signature** text in the box. Note: Other than **signature** if you want, you can format your message by adding an image or changing the text style

Exp 20:- Browsers settings and USes

Actual Procedure followed: We apply the given procedure to search different data and various features of browsers.

Resources Used: Computer system, web browser

Precautions followed: ensure auto-save field is disabled and disable auto save username and password.

Result:- We are able to search different data and various features of browsers.

Interpretation of Result:- We are able to search different data and various features of browsers.

Conclusion: - We are able to search different data and various features of browsers.

Practical Related Questions:

1. Write steps to set the default search engine in the browser.

Ans:-Open the browser.Go to Internet Options.Set the default page,Default search engine ,Default Browser.

2. What is the importance of setting or unsetting the cookies data?

Ans:- It is extremely **important** to regularly **clear the cookie** in order to **remove** any chance of hacking and keep your privacy safe. And also clearing **data** of **cookies** will result in faster internet loading.

3. Write two advantages of keeping web history.

Ans:- 1. We can **search** easily through this **web history**. · 2. We rememberd that what we **search** on **web** · 3. There is a record of all **history**.