Describe the development of the Internet.

Step 1:

The Internet, sometimes referred to as the World Wide Web (www), is a global network of interconnected computer networks that connects to billions of devices all over the world using a protocol known as the Internet Protocol Suite (TCP/IP).

Government researchers first used the Internet in the 1960s as a means of information sharing. In the 1960s, computers were enormous and stationary, and in order to access the data they contained, one had to either go to the location of the computer or have magnetic computer tapes sent via regular mail.

The escalation of the Cold War served as another impetus for the development of the Internet. The Soviet Union's Sputnik satellite launch inspired the U.S.

Step 2:

Defense Department should investigate strategies for information dissemination even following a nuclear assault. As a result, the ARPANET (Advanced Research Projects Agency Network), the network that ultimately developed into the Internet as we know it today, was created. Although ARPANET was a major success, only a small number of academic and research institutions with contracts with the Defense Department were allowed to participate. As a result, various networks that offer information exchange were developed.

The Internet is said to have been born on January 1, 1983. Before this, there was no common method for connecting the many computer networks. Transfer Control Protocol/Internetwork Protocol (TCP/IP) is a brand-new communication protocol.

This made it possible for various computer types connected to various networks to "speak" to one another. On January 1, 1983, TCP/IP became the official protocol for ARPANET and the Defence Data Network, resulting in the creation of the Internet. A universal language could now link all networks.

 Describe the development of the World Wide Web and its key constituents.

Step 1:

Web browsers, Hypertext Markup Language (HTML), and Hypertext Transfer Protocol are only a few of the technologies that make up the World Wide Web (HTTP). To visit websites, utilise a Web browser. Programs that show text, data, graphics, animation, and video on the Internet are referred to as web browsers.

A global information system based on the Internet is known as the World Wide Web (WWW). A system of interconnected hypertext documents found on the internet is known as the "web." One can view web pages that might include text, photos, videos, and other multimedia via a web browser and use hyperlinks to move between them.

Everyone, not just scientists, now has access to the internet thanks to the world wide web. It connected the world in a way that greatly facilitated communication, sharing, and information access. Since then, technology has enabled people to share their ideas and works via blogs, social networking sites, video sharing, and other channels.

Step 2:

While employed at CERN in 1989, British scientist Tim Berners-Lee created the World Wide Web (WWW). To satisfy the need for automated information-sharing amongst scientists in universities and institutes around the world, the Web was initially designed and developed.

In March 1989 and May 1990, respectively, Tim Berners-Lee produced the first and second proposals for the World Wide Web. This was formalised as a management proposal in November 1990 along with Belgian systems engineer Robert Cailliau. The main ideas and key terms behind the Web were presented in this. The document envisioned a "hypertext project" dubbed "WorldWideWeb" in which "browsers" could see a "web" of "hypertext documents."

Tim Berners-Lee demonstrated his concepts at CERN towards the end of 1990, when the first Web server and browser were operational. On a NeXT computer, he wrote the code for his Web server. The computer carried the following handwritten label in red ink to prevent it from being unintentionally turned off: "A server is this device. DO NOT TURN IT OFF!"

From the perspective of the user, the internet is a massive global network of documents or web pages. Links to other pages on any website may be found on each page. Browsers such as Internet Explorer, Netscape Navigator, Google Chrome, and others can be used to get and view the pages. The browser retrieves the requested page, decodes the text and formatting instructions on it, and then displays the page on the screen with the appropriate formatting.

Step 3:

Web components include:  The web is made up of three parts

The Uniform Resource Locator (URL) is a technique for locating resources on the internet.

The HyperText Transfer Protocol (HTTP) defines how a browser and server communicate.

The structure, organisation, and content of a webpage are defined by the Hyper Text Markup Language (HTML).

Describe the applications of the World Wide Web.

Step 1:

The World Wide Web has completely changed how computers and the Internet are used in the medical industry. The Internet offers a quick and affordable way to find medical information and a more flexible approach to interact with patients and co-workers.

Step 2:

The World Wide Web is the most well-known application and service offered by the Internet. Other popular applications and services include social media, email, mobile apps, multiplayer online games, Internet telephony, file sharing, and streaming media services.

email transmission and reception. viewing and searching through information archives. transferring data between computers.

Examples of Web Applications

Gmail.

Google Docs.

Google Analytics.

Microsoft Office 365.

Online Forms.

Amazon.

Canva.

Facebook.

There are numerous significant uses for the Internet. E-mail, online browsing, and peer-to-peer services are the three most significant of the many Internet-based services. Electronic mail, usually known as e-mail, is the most popular and successful of Internet applications.

Describe the key constituents of an electronic commerce site.

Step 1:

Everyone is moving toward e-commerce in the modern corporate landscape. E-commerce is just the practise of buying and selling products and services online. Creating an idea and an e-commerce web design for your business is simple. People actually do it every day. However, because to the intense competition in business, only few succeed. Running a successful business requires more than just having a good idea; you must put in a lot of effort.

Step 2:

Important Elements That Affect E-Commerce Website Success

Site that's mobile-friendly. Today, more consumers are making online purchases utilising their mobile devices.

Search Box Customers can save time and find what they're looking for quickly as a result.

Convenient Method of Payment.

Good pictures.

Live Chats.

Clear Return Policy.