

Chapter-5

Using the Internet

Answer the following question:-

Q1 What is a Network?

Ans When a group of devices like computers, laptops, printers, web servers, etc. connect together to exchange information and share resources they are collectively called a network.

Q2 What is ARPANET?

Ans The first network was the ARPANET - Advanced Research Project Agency Network called the granddaddy of the network. ARPANET was started in 1960. It was established in 1960 by US Department of Defense (DOD) to connect universities that were carrying out defense related research.

Q3 What is the difference between website and webpage?

Ans3

A web page is a ~~document~~ document which is connected to the World Wide Web. A web page can have text, audio, video, images, links to other pages. A web page can be accessed and displayed on a monitor or mobile device through a web browser.

A website is a collection of interlinked web pages on a related topic or theme.

Q4 What are the components of message header?

Ans4 The top part of message is called the message header. Its components are-

- To: The text has the email address is entered.
- CC: It stands for carbon copy. In CC, people who receive the mail can see who got copy of message.

- BCC: It stands for blind carbon copy. In BCC, email address do not appear in received message header and the people who receive the mail can't see who got the copy of message.
- Subject: In subject we write the short description or heading of topic to pull the readers.

Q-5 What are the 3 core components of Digital India?

Ans 5 The 3 core components of Digital India are

- The creation of digital infrastructure
- Digital facilities to every resident.
- Delivery of services digitally - Government and services on demand.
- Digital literacy.

Q-6 What are the nine pillars of Digital India?

Ans 6 The nine pillars of Digital India are:-

- (i) Broadband highways.
- (ii) Universal access to phones
- (iii) Public Internet Access Programme
- (iv) E-Governance - improving government through technology
- (v) E-Kranti - Electronic delivery of services
- (vi) Electronics manufacturing
- (vii) IT for Jobs Highway
- (viii) Information for All
- (ix) Early Harvest programme - Some of the immediate measures which can be realised

Q-7 What are covered in this pillar.

Long Answer:-

Q-1 What do you understand by digital India?

What are the objectives of digital India?

Ans Digital India is an initiative taken by the government of India to bring all citizens of India online. Under this program people are encouraged to perform all their day to day activities online. It was launched on 1st July 2015.

* Objective of Digital India Programme -

- To ensure the government services are made available to Indian citizens electronically.
- To connect several areas with high speed network.
- To improve India's online infrastructure.
- To increase internet connectivity in India.

Q-2 Give steps to write an email and send it using G-mail.

Ans 2 Step 1 → Sign in using your existing email account or create your email address.

Step 2 → G-mail window will open. Click on composed option.

Step 3 → Write the email address of the receiver in required column.

Step 4 → Write the email address of the receiver in required column.

Step 5 → Write the email or message you want to write in body area.

Step 6 → Click on Send option.

Q-3 What is Internet and give 5 uses of internet?

Ans 3 Internet is computer based world wide information network. It is an example of WAN (wide area network). The internet is composed of a large number of smaller interconnected networks. These networks may link tens, hundreds or thousands of computers enabling

them to share information and resources with each other.

We can use internet for various purposes. Some of them are —

- (i) Getting Information on various topics.
- (ii) Connecting with friends and family.
- (iii) Booking Airway or Railway ticket.
- (iv) Watching movies, live shows.
- (v) Shopping online and many more.

Q-4 What do you understand by WWW?

Ans 4 WWW (World Wide Web):—

WWW is a set of programs, standards and protocols governing the way in which multi-media files are created and displayed on the internet.

Before WWW, internet was mainly used for obtaining textual information, but post WWW, the internet popularity grew tremendously because of graphics and

interactive nature of WWW. The world wide web is also called as the web. It is a collection of documents linked via special links called hyperlinks.

Q-5 Differentiate between web browser and web server?

Ans Web client is called a web browser and WWW server is called web server. A web browser navigates through the world wide web and display web pages from a web server. The web server makes available the desired page to web browser.

Q-6 What is E-mail? Discuss E-mail address.

Ans The most widely used tool on the Internet is Electronic mail. It is used to send messages between groups of persons. To send and receive email, the users must have email ID. The email ID/ address is commonly in the following form -

Ex- ① person @ hotmail.com
② paco @ dola.vsnl.net.in
③ abhigyanademy9b @ gmail.com

Q-7 What do you understand by Social Media? Write its some features.

Ans Social networking or social media is the grouping of individuals in specific groups to share ideas on the internet. There are internet sites where people interact freely, sharing and discussing information about each other. Some of the popular social media channels include discussion groups, virtual communities, chat rooms, networking sites, blogs etc. All social media share some common features -

→ All social media channels are Internet based applications.

→ Majority of content on these channels is user generated, in the form of comments, articles, ~~see~~ videos, images etc.

→ Users have their online profile uploaded to these websites.

Q-8 Name some social networking sites.

Ans Some popular social networking sites are

- ① Facebook
- ② Twitter
- ③ YouTube
- ④ linked In
- ⑤ My space
- ⑥ flicker
- ⑦ word press
- ⑧ Blogger

- ⑨ Wikipedi
- ⑩ Wet paint
- ⑪ Type pad
- ⑫ Wiki dot

Q-9 Name anything you can do online under digital India Initiative?

Ans-9 (i) Aadhar Enabled Payment System

(ii) E-Hospital

(iii) E-Basta

(iv) E-Pathshala

(v) Digi Lock