



LAWRENCE COLLEGE, MURREE PREPARATORY SCHOOL

Class 7

Assignment # 6

Computer Science

Name: _____

Sec: _____

House: _____

Instructions:

- Home task must be noted and completed in notebooks and images of this task shall also be submitted to zubair.lcgg@gmail.com by email till **Sunday May 03, 2020** positively.
- Students are instructed to join Google Classroom using the following code:

msqnci4

Read the following carefully and answer the questions given on the next sheet

Internet INTRODUCTION



What is the Internet?

The Internet is a large group of computers that are linked together. There are millions of computers connected to this network across 200 countries. The users of these computers can communicate with each other by sending emails, transferring files, instant messaging, etc. Every computer that is connected to the Internet has a unique address, which is called an Internet Protocol Address (IP Address). The IP address is a series of numbers separated by dots, for example: 123.45.67.890.

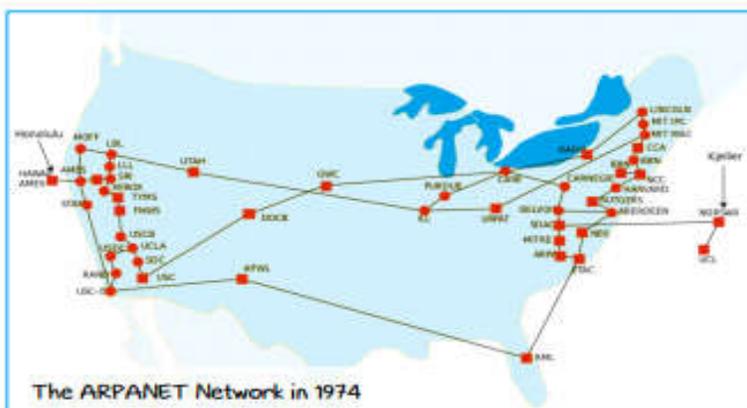
How does it work?

Computers that are connected to the Internet have different functions. Computers (users) that get information on the web are called clients. Other computers (servers) only store files such as photos, music, emails, videos or websites. A client can access a server to visit a website, check an email account, etc.

When two computers exchange information, they are called peers. Some examples of this are instant messaging or sending photos to a friend directly. When two peers interact with each other it is called peer-to-peer (P2P) communication. For example, if you receive a photo from your friend, your computer is the client because you access the file and your friend's computer acts as a server because he or she supplies the photo.

Who invented the Internet?

In the 1960s, researchers from the Government Defense Department in the United States were looking for a way to continue working in case some computers were damaged due to a war or natural disaster. They came up with a



The ARPANET Network in 1974

network that linked several computers together. In 1969, their network began operating and was called the ARPANET. Over the years, universities, large businesses, and other major organizations joined this network to exchange ideas and resources with each other.

1) The Internet is ..

- a. a giant network
- b. millions of linked PCs
- c. a super computer with millions of users
- d. A and B are correct

2) Internet users ..

- a. have unlimited access to other PCs
- b. must download an IP address before they can get online
- c. are referred to as 'clients'
- d. B and C are correct

3) When you are looking for information on Wikipedia, you are a ..

- a. client
- b. server
- c. peer
- d. IP address

5) Sending messages on WhatsApp is an example of ..

- a. P2P
- b. a server
- c. clients
- d. A and C are correct

6) Hotmail is a ..

- a. P2P
- b. server
- c. client
- d. All are correct

7) The Internet was invented ..

- a. by scientists in the United States
- b. for military purposes
- c. during a war
- d. in the 21st century

8) The Internet was ..

- a. first known as the ARPANET
- b. used by large organizations to exchange ideas
- c. not designed for ordinary people
- d. All of the above

Exercise 2: The words below are chopped into pieces. Find the pieces that fit together.

| | | |
|-----|------|-----|
| IN | NET | SER |
| VER | WORK | TER |
| CLI | AR | NET |
| PU | ENT | COM |
| NET | TER | PA |

| | |
|----------|----------|
| 1) _____ | 4) _____ |
| 2) _____ | 5) _____ |
| 3) _____ | 6) _____ |

