



**** Do No Write on This Document ****

Instructions:

Read the following passage. Using your own sheet of paper, please answer the following questions.

The Internet

Definition

The Internet is a global network of connected computers. This global network utilizes fancy equipment like routers, fiber optics, copper, and even satellites. It has its beginnings in the Cold War, for it started off as a way of maintaining communications in case of nuclear war.

The Department of Defense established ARPANET in 1969. ARPANET consisted of a four computer (node) network, with nodes at four western universities including UCLA, Stanford, UC Santa Barbara, and the University of Utah. With **Vinton Cerf's** TCP/IP protocol, invented in 1971, nodes would eventually be able to communicate with another efficiently and transmit data from node to node. By 1976 ARPANET had grown to over 111 nodes. This was a robust network without a single point of failure. If one node went down, the network still functioned by rerouting communications around the fallen node.

In 1984 ARPANET was split into military (MILNET) and civilian sections (ARPANET). This is considered the birth of the Internet (debatable).



Services

The Internet offers many services on its network. These services include email, FTP, NetNews, and of course the **World Wide Web**, invented by **Tim Berners-Lee**. We often think of the World Wide Web as the Internet, but that is incorrect. The World Wide Web is just a service that runs on the Internet.

It is the World Wide Web that provides us with all the text, pictures, sounds, and video through a Web browser, such as Microsoft Internet Explorer, Firefox, or Safari.

Mr. Chagoyan's Intro Activity 2

The Passage

1. What is the Internet?
2. The ARPANET would one day lead to the Internet. How many nodes were on the ARPANET in 1969?
3. Where were the first nodes located?
4. Who is Tim Berners-Lee?

The Presentation

About Our Class Syllabus

1. What technologies will you learn in this class?
2. What software will be learned in this class?
3. What materials will you need?

About Your Teacher

1. Name two places where Mr. Chagoyan has worked.
2. What are two hobbies that Mr. Chagoyan enjoys?
3. What are the names of Mr. Chagoyan's creatures?

About the Video

1. Who is Vint Cerf?
2. Who was his partner?