**Ques** What is the Internet ? Explain in your own words.
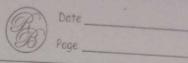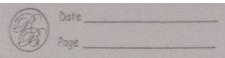
**Ans** The internet is a worldwide computer network that transmits a variety of Data and media across interconnected. devices. It works by using a packet routing network that follow Internet Protocal (IP) and Transport control Protocal (TCP). The internet is the world's most innovative and engaging innovation. It is the most beneficial technology for sharing knowledge from one part of the world to another. After using the internet, it appears that globe has shrunk in size and that everyone lives close to us.

**Ques** What is web browser ? Explain in your own words.

**Ans** A web browser takes you anywhere on the Internet. It retreives information from other parts of the web display it on your desktop or mobile device. The information is transferred using the Hypertext transfer Protocals, which define How text, image, video are transmitted on the web. web browser are used primarily for displaying and accessing

websites on the internet, as well as other content created using language such as Hypertext markup language (HTML) and Extensible markup language (XML) A few of the different types of web browsers include Google chrome, Mozilla Firefox, Apple Safari, and Microsoft Edge.

Ques what is a browser engine? Explain in your own words.

Ans A Browser engine (also known as a layout engine or rendering engine) is a core software component of every major web browser. The primary job of a browser engine is to transform HTML Documents and other resources of a web page into a interactive visual representation on a user's device.

Ques what is a static site? Explain in your own words.

Ans A website which content are not frequently change by user interaction or server side. If we want to change in static site we have to change in the code of site and rehost it on the internet.

Advantage

Simplicity

Speed

Security

Cost effectiveness

Scalability.

Disadvantage.

Limited functionality

Lack of flexibility

No user interaction

Not good for complex umplementation.

**Ques** What is a Dynamic site. Explain in your own words.

**Ans** website which content are frequently change by user interaction and server site. Dynamic site is a type of website that uses a server-side programming and Database to generate it's content.

Dynamic site provide dynamic and interactive functionality to user. It has ability like searching data in Database. Submit from Data, Display custom content etc.

Advantage

flexbility

User interaction.

Better SFO ( Search Engine optimization)

Scalability.

Advanced Functionality.

Disadvantage.

A lot of overhead for simple application.

Require more cost for deployment and implementation.

Complex to implementation.