

1. Mention five advantages and disadvantages of using the internet.

i) Advantages:

1) Information on almost every subject imaginable.

2) Powerful search engines

3) Ability to do research from your home versus research libraries.

4) Information at various levels of study. Everything from scholarly articles to ones directed at children.

5) Message boards where people can discuss ideas on any topic.

Ability to get wide range of opinions. People can find others that have a similar interest in whatever they are interested in.

ii) Disadvantages:

1) There is a lot of wrong information on the internet. Anyone can post anything, and much of it is garbage.

2) There are predators that hang out on the internet waiting to get unsuspecting people in dangerous situations.

3) Some people are getting addicted to the internet and thus causing problems with their interactions of friends and loved ones.

4) Pornography that can get in the hands of young children too easily.

5) Easy to waste a lot of time on the internet.

You can start surfing, and then realize far more time has passed than you realized. Internet and television together of added to the more sedentary lifestyles of people which further exacerbates the obesity problem.

2.

i) Usability

ii) Speed.

iii) Aesthetics.

iv) Content.

v) Contact Info

vi) Website Maintenance.

vii) Mobile-Friendly.

viii) Security.

3.

i) HTML provides the basic structure of sites, which is enhanced and modified by other technologies like CSS and JavaScript.

ii) CSS is used to control presentation, formatting, and layout.

iii) JavaScript is used to control the behavior of different elements.

4.

i) A static website is a site that does not use any external database and is fully written in HTML.

Static websites are coded with HTML and CSS. This means that every user visiting this website will receive exactly the same information.

Static websites contain a fixed number of pages and the format of the web page is fixed, which provides information to the customer. While,

ii) Dynamic websites can dynamically change the content of the web page when the page is running on the client's browser.

A dynamic website is a website that not only uses HTML and CSS, but also includes CGI (Common Gateway Interface) and languages like AJAX, ASP, PERL, PHP, or other server-side scripting languages.

Dynamic websites use client-side scripts to prepare a dynamic design and server-side code for managing events, managing sessions and cookies, and for storing and retrieving data from the database.

- 5.
- i)Inline.
  - ii)Internal.
  - iii)External.

6.<!DOCTYPE html>  
<html>  
<body>

<h2>Basic HTML Table</h2>

```
<table style="width:100%">
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
  <tr>
    <td>John</td>
    <td>Doe</td>
    <td>80</td>
  </tr>
</table>

</body>
</html>
```