**Tutorial 1**

**Question**

1) A collection of web pages = A website

2) A collection of websites = WWW

3) URL stands for = uniform resource locator

4) State two differences between HTTP and HTTPS.

**HTTP** operates at the **Application layer** and transmits data in **plain text**, which makes it the server be more insecure to been hacked by hackers.

**HTTPS** also operates at the **Application layer**, making communication **secure** and protecting against hackers.

5) State two differences between static website and dynamic website

**Static websites** are made of fixed code, and the content remains the same for every user. They are usually built using client-side technologies like **HTML, CSS, and JavaScript**, and they load faster because no server-side processing is needed.

**Dynamic websites** can display different content and respond to user actions. They use server-side languages like **PHP** and can interact with **databases** to fetch and update information. Because of this, dynamic websites are often **slower** than static ones due to real-time data processing.