Background

Last year you created web pages using HTML, You edited them and viewed them using a text editor and you viewed them using a web browser. Some files you could browse by opening them from your computer while other times they were being served from a web server, This year we will look closer at the network technologies that make this possible, along with the many standards and protocols that are used. It will be important to be able to know and distinguish between the vocabulary words used when describing the internet and web technologies. [Notice that the word internet was not capitalized – because the internet is not a proper name anymore, it is just a common noun. ] This exercise is indented to provide you with a review, reference points for further investigation, and an introduction to some new terminology. You will use this guide in future investigations to compare and contrast technologies and for making system design and implementation decisions.

Directions

* Answer each question and provide cited references for each.
* You may not use any web site that has the substring wiki in its name.
* It is important that when you find an answer to these questions online, that you read the answer and write a summary of what you read. If you just copy-cut-paste-and site you won't learn as much. You will learn about things that you will not include in the answer.

|  |  |
| --- | --- |
| Question 1 : What is **HTML?** | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 2 : What is **XML**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 3 : What is HTTP? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 4 : What is **HTTPS**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 5 : What is a **URL**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 6 : What is a **protocol**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 7 : What is a **standard**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 8 : What is a **search engine**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 9 : What is an **ontological system**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 10 : What is ambient **intelligence**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 11 : What is **bioinformatics**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 12 : What is **FTP**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

|  |  |
| --- | --- |
| Question 13 : What is a **database**? | |
| Answer: |  |
| Reference: |  |
| Additional  Notes |  |

## INDEX

## How to update the index:

## Left click on any of the index terms, this will select the index.

## Right click and select Update Field, this will update the page numbers.

## 

A

ambient intelligence 4

B

bioinformatics 4

D

**database** 5

F

FTP 5

H

**HTML** 1

HTTP 2

HTTPS 2

O

ontological system 4

P

protocol 3

S

search engine 3

standard 3

U

URL 2

X

XML 1