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**Revision for Grade 8 in Unit #1&2 Design & Technology Subject**

**Your Name: ..... Grade 8 -**

**SECTION 1 – Matching :Match the terms with its explanations. Write the matching letter in the correct box. The first one has been done for you. (1 mark each)**

Term		Explanation	
1. IP address	<b>I</b>	Something that you cannot trust or depend on.	<b>A</b>
2. Internet of Things	<b>K</b>	Something you can trust.	<b>B</b>
3. URL / Domain Name	<b>C</b>	The website address for example www.google.ae	<b>C</b>
4. DNS	<b>H</b>	At the end of something. In web design like (.com.org,.)	<b>D</b>
5. HTML	<b>J</b>	An automated process a computer does to create or display something.	<b>E</b>
6. Annotated	<b>G</b>	A central powerful computer that can have files or other media on it for others to access	<b>F</b>
7. Rendering	<b>E</b>	Writing notes around something.	<b>G</b>
8. Server	<b>F</b>	Like an address book of websites	<b>H</b>
9. Reliable	<b>B</b>	A unique set of numbers that identifies each computer on the internet for example 94.207.143.228.	<b>I</b>
10. Unreliable	<b>A</b>	Stands for Hyper Text Mark-up Language. Standard for making webpages.	<b>J</b>
11. Suffix	<b>D</b>	The connection via the internet of computing devices inside everyday objects, enabling them to send and receive data.	<b>K</b>

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### SECTION 2 – Fill in the Blanks

Fill in the blanks with answers from the answer bank. One of them has been done for you. (1 mark for each blank)

The server responds and sends the webpage – User types the website into the browser – The browser connects to the server – The user opens an internet browser – The browser reads the HTML code to display the page.

Picture	Process
<p>1.</p> 	<p>The user opens an internet browser</p>
<p>2.</p> 	<p>User types the website into the browser</p>
<p>3.</p> 	<p>The browser connects to the server</p>
<p>4.</p> 	<p>The server responds and sends the webpage</p>
<p>5.</p> 	<p>The browser reads the HTML code to display the page.</p>

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### SECTION 3 – Multiple Choice

Choose and circle the correct answer – A, B, C or D. (1 mark each)

- The last part of a URL is called a :  
A ) tag  
B ) prefix  
**C ) suffix**
- Which of the following is an example of URL /Domain Name  
A ) 151.253.49.178  
B ) <title> Ministry of Education Website </title>  
**C)http://example.com/example1/index.html**
- CSS (Cascading Style Sheet) is used to:  
A) request the HTML from a server  
**B) format HTML documents**  
C) access an HTML document
- What is an IP address?  
A )An organization that standardizes web languages.  
**B ) A set of numbers that can identify each computer.**  
C) An address book for web sites on the internet.
- A website that can be trusted is known as:  
**A) a reliable website.**  
B ) an unofficial website.  
C) an unreliable website.
- HTML Stand for:  
A) Hyper Text Makeup Language  
**B) Hyper Text Markup Language**  
C) Hyper Text Mark Language
- out of date website is :  
A) **old, so the information is no longer correct**  
B) Updated , so the information is correct  
C) None of above.
- The Internet has changed:  
A) Travel industry only  
B) Music industry only  
**C) All above .**
- Safari is an example of :  
**A) Web browser**  
B)Website  
C)Search Engine
- The W3C members are :  
**A) Apple , IBM and Adobe**  
B) Firefox, Safari and Chrome  
C) JS,CSS and HTML
- What is a DNS (Domain Name Server)?  
**A ) It acts like an address book for websites.**  
B) It is a computer language.  
C ) It provides access to the internet.
- What is the W3C (World Wide Web Consortium)?  
A) It is an internet browser to access web sites.  
**B) It is an organization that standardizes web languages.**  
C) It is a unique set of numbers that can identify computers.
- Inaccurate website is :  
A)Tell you the truth .  
B) **don't tell you the truth.**  
C) None of above.

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### SECTION 4 – True or False

Choose and circle the correct answer TRUE or FALSE. (1 mark each)

1. HTML5 is the most recent version of HTML. **TRUE** FALSE
2. A markup language uses tags to give instructions on how content should be set out. **TRUE** FALSE
3. CSS stands for Cascading Style Sheets and **is used for standardize web languages.** TRUE **FALSE**
4. A web browser requests the HTML from a server, understands it and renders it on the screen for the user. **TRUE** FALSE
5. W3C is an organization that looks after the standards for HTML, CSS and JavaScript. **TRUE** FALSE
6. JavaScript is a popular programming language that can be used to make HTML pages interactive and animated. **TRUE** FALSE
7. W3C is used for **format HTML documents.** TRUE **FALSE**
8. Reliable websites are websites that are most likely to have **incorrect** and trustworthy information. TRUE **FALSE**
9. An unreliable website will have too much animation, adverts, a bad layout and spelling mistakes. **TRUE** FALSE
10. .ae is a website for the UAE. **TRUE** FALSE
11. .ac suffix for colleges and universities. **TRUE** FALSE
12. A long website name, or a website name which contains a free website builder such as wix.com are not usually reliable websites. **TRUE** FALSE

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SECTION 5 – Short Answers (3 marks each)

Look at the website below .Just by looking at design , tick if you think it reliable or unreliable website design . Why do you think ?

Reliable

Unreliable



a poor layout

lots of animated images on the page

colors that don't work well together




Reliable

Unreliable

a good layout

Less of animated images on the page

colors work well together

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**SECTION 5 – Short Answers (3 marks each)**

**Look at the examples of some websites below. Tick whether you think likely to be reliable or unreliable based on their URL.**

<u>Domain Suffix</u>	<u>Reliable</u>	<u>Unreliable</u>
planetfacts.org	✓	
zapatopi.net		✓
www.mofa.gov.ae	✓	
www.allthingsthatyouneed.com		✓
www.educause.edu	✓	
www.officalgoverment.weebly.com		✓
www.Sanford.edu	✓	
www.Zayed.org.ae	✓	
www.alltheofficalfactsfromaround.com		✓
www.navy.mil	✓	
www.moe.gov.ae	✓	

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**SECTION 5 – Short Answers (3 marks each)**

1. What is CSS? Why was it introduced?

**CSS stands for Cascading Style Sheets and is used for format HTML documents.**

2. What is the purpose of JavaScript?

**used to make HTML pages interactive and animated.**

3. What are the previous versions of HTML ?

**HTML 1.0 , HTML 2.0 , HTML 3.0 , HTML 4.0**

4. Name some partners of the W3C organization.

**Microsoft, Apple, IBM and Adobe.**

5. List 3 suffixes that are limited. This means they are not available for anyone just anyone buy.

**.gov / .edu / .ac / .mil**

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### SECTION 5 – Short Answers (3 marks each)

6. What does the word reliable mean?

**Something you can trust.**

7. . List 2 ways you can tell a website is unreliable by its design.

**a poor layout**

**spelling errors**

**broken links**

8. How can the name of the author of a website help you find out if the website is reliable or not?

**do some research to see if they are reliable**

Below are some other suffixes you can buy that are used around the world.

Domain Suffix	Meaning
.com	for commercial websites - most businesses prefer a .com domain name because it is a highly recognised symbol for having a business presence on the internet
.org	for organisations - usually charity and non-profit groups
.tv	for television stations
.mobi	for websites designed for mobile phones
.me	for personal websites, like your family photos
.info	for information sources
.travel	for travel related websites

There are some website suffixes that you cannot purchase. They are only available to approved organisations, such as schools. See below:

Domain Suffix	Limited to
.gov	for United States government websites; local government agencies are able to use this combined with their country code, for example, .gov.ae is used for the UAE government
.edu / .ac	for higher educational institutions
.mil	for the United States military