NYC

Fix question 1, provide answers in your own words, and properly format your work.

**Formative Assessment 07**

**Internet and the World Wide Web (115391)**

*Hello and welcome to the assessment. Here you’ll prove to the world just how much you know and understand about what you’ve just learnt in the learner guides. This is an important part of your time at Umuzi because once this is done, you’ll be certified! So please, take this time to learn everything you can! Take a look at some pointers below with regard to answering the questions…*

* *Be specific*
* *Write professionally - no shorthand!*
* *Your answers must be original and come from your brain and your brain only.*
* *No copy/paste tricks! Our markers have seen it all and will know if you’re taking shortcuts.*
* *Remember, sloppy or poor work will be sent back to you to do again, so do it properly the first time and you’ll be done in no time.*
* *Ask for help at any time. Ask your friends, a manager, anybody!!*
* *Don’t skip any questions! You must do them all!*
* *You’ll see two boxes after each question - one for your answer and one for the marker’s comments. DO NOT delete the marker’s comments if you are required to resubmit your work after the first attempt. Should you have to do it again you will see a new box* ***under*** *the marker’s comments, so fill that one out in* ***BLUE****. Remember!! It’s not the end of the world if you have to resubmit. You’re here to learn, so don’t beat yourself up if you don’t get it right on the first go. Obviously, try your best to get it right on the first attempt, but if not, you have another chance to do it properly!*

*Ok, and that’s that! Time to get to it! Good luck, have fun and enjoy! :)*

**Enter your name and surname below**

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**1.** **What are the differences between the Internet and the World Wide Web? (5 SO:1 AC:1-4)**

**Your answer below**

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| Internet is a global computer network, which interconnects a massive number of computers using TCP/IP to transmit data via various types of media forming a network.  World wide web is an information system built on top of the internet, which allows document to be connected to the other documents, it also combine all the resources and users on the internet that are using the hypertext transfer protocol. |

**Marker’s Comments**

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| **The above highlighted has been copied elsewhere ,please try to avoid this in the future, provide answers in your own words** |

**2. What is a URL and what is it used for? (5 SO:2 AC:1-3)**

**Your answer below**

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| Uniform resource locator is an address of world wide web page used to identify files on the internet, it downloads videos, images and software programs. It is a network identifier meaning IP address that is used to identify devices on a network such as internet **🗸** |

**Marker’s Comments**

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| **Good work** |

**3. List the three main HTTP message types and explain what they do (6 SO:2 AC:1-3)**

**Your answer below**

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| * HTTP GET used to request data from a specified resource if present return the result to the browser.**🗸** * HTTP POST used to send data to a server to create a resource, it place the data to body of the url**🗸** * HTTP HEAD used to request data from a resource, but will only return the list users**🗸** |

**Marker’s Comments**

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| **Good work** |

**4. What is the difference between an intranet and an extranet? (4 SO:2 AC:1-3)**

**Your answer below**

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| Intranet - is a restricted computer network used by companies for internal communication to share information relevant to their business and can only be used in companies’ premises.**🗸**  Extranet - a computer network used to share information external, meaning it can be used outside companies’ premises, but can still restrict organizations entire network access.**🗸** |

**Marker’s Comments**

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| **Good work** |

**5. Explain how DNS works (4 SO:2 AC:1-3)**

**Your answer below**

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| Domain name system - a system designed to access information using names, DNS works by converting hostname to a computer friendly IP address. Each name will nominate a name servers to authoritative for its domain name system records where all other name server files are stored. This record zone is used to locate the domain names to IP address.**🗸** |

**Marker’s Comments**

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| **Good work** |