Assessment Detail		Trainee's Detail	
SECTOR:	**ICT**	Trainee's Name:	……………………………………………..
TRADE:	**NETWORKING**	Trainer's Name:	**NIZEYIMANA Eraste**
ModuleCode	**NEWTF401**	Module Title	**NETWOTK FUNDAMENTALS**
LEVEL:	**4**	Date:	**………/……/2022**

Question 1:

During the transmission of data from source to destination through a cable, one of the two media access methods can be used. That is Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA) or Carrier Sense Multiple Access with Collision Detection (CSMA/CD). What difference is between those two methods?

Question2:

a) What do you understand by a network?

b) Where can they (networks) be used? Give at least 3 places.

c) List three classes of network devices

Question 3: List and briefly explain the 3 basic types of networks.

Question 4: Briefly explain the following network topologies

a) A bus

b) A star

a) HYBRID

Question 5: Differentiate peer to peer network architecture from client/server architecture.

Question 6: Give at least 5 examples of a computer network device.

Question 7: a) What is a network protocol? Give an example.

   b)Explain any 3 functions of network protocols

Question 8: a) What are the 5 most common types of network protocols?

   b) List 3 types of Protocols

Question 9: Differentiate **MAU** From **Firewall**

Question 10: List and explain 4 main categories of network components

Question 11: Clearly explain:

    A. Computer network
    B. Internet
    C. Firewall
    D. IP Address
    E. DHCP
    F. MAC Address
    G. Access point
    H. NIC

Success!!!