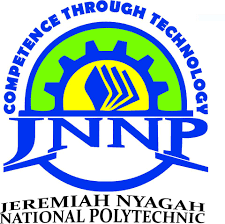
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**JEREMIAH NYAGAH NATIONAL POLYTECHNIC**

**DEPARTMENT: COMPUTING & INFORMATICS**

COURSE: ICT LEVEL 4

UNIT CODE: ICT/CU/ICTA/CC/05/4/A

UNIT NAME: USE OF THE INTERNET

**INSTRUCTIONS TO CANDIDATES:**

1. ANSWER ALL QUESTIONS

*(Should be submitted by 29th May 2025* ***(Printed)****)*

QUESTION ONE (30MARKS)

1. With the aid of a **well-labelled diagram**, explain how the Internet works, showing key components such as: (6 marks)

* User device (e.g. computer/smartphone)
* Modem/Router
* Internet Service Provider (ISP)
* DNS (Domain Name System)
* Web Server
* Data flow

1. State and explain **any four (4)** impacts (positive or negative) of using the Internet in daily life. (4 marks)
2. i) Name **four (4)** commonly used web browsers. (2 marks)

ii) Compare **any two** of the above browsers in terms of:

* Speed
* Security
* Customization options *(4 marks)*

1. List five examples of popular search engines (5 marks)
2. Outline **three** types of internet connectivity (3 marks)
3. Explain each of the following terms as used in internet: (4 marks)
   1. Phishing
   2. Pharming
4. What is the difference between an intranet and an extranet? (2 marks)