Name:Enter Your name here Target for this cycle 1.3

**Types of Network**

|  |  |
| --- | --- |
| **What is a network?** | |
| Notes Here. |  |
| **What do we use networks for?** | |
|  |  |
| **Explain the different network types (ranges)** | |
| **PAN**  **LAN**  **.**  **WAN**  Notes Here. |  |
| **Client Server Vs Peer to Peer** | |
| **Client Server**  Notes Here.  **Peer to Peer**  Notes Here.  **Comparision** |  |
|  | |

|  |
| --- |
| **Other Notes or Activities** |
| |  |  | | --- | --- | | **State whether the statements are client server or peer to peer** | | | More suitable for small number of computers |  | | All data can be backed up centrally |  | | Through sharing rights any computer can share the programs of another |  | | All data is stored on the individual computers of the network |  | | Users have to log into the network through a central computer |  | | Network Security is distributed to the individual compters |  | | Cheaper to set up and maintain |  | |

|  |  |  |
| --- | --- | --- |
| **Exam Questions** | | |
|  |  | Difficulty |
| ANSWER -  Insert Answer Here |
|  |  |
| ANSWER -  Insert Answer |

|  |  |
| --- | --- |
| **How have you found this section?** | **Understand Totally** |

A reminder: Hardware are the physical elements that make up a computer system

**The Hardware Needed**

|  |  |
| --- | --- |
| **List the different hardware needed to run a network.** | |
|  |  |
| **Independent research based task. Take each item from the list and find out as much as possible about it. (Add relevent image)** | |
| **Network Interface Card.** | |
| Notes Here. |  |
| **Switch (HUB)** | |
|  |  |
| **Wireless Access Point** | |
|  |  |
| **Router** | |
| Notes Here. |  |
| **Transmisson Media (Ethernet and Radio Waves) 5** | |
| Notes Here. |  |
| **Task: Drag the blue boxes to the correct descriptions.** | |
| |  |  | | --- | --- | |  | **Hub**  **Wireless Access Point (WAP)**  **Network Interface Card (NIC)** | |  | **Router** | |  | **Switch** | |  |  | |  |  | |  | | |
| |  |  |  | | --- | --- | --- | | **Exam Questions** | | | |  |  | Difficulty | | ANSWER -  Insert Answer | |  |  | | ANSWER -  Insert Answer | | |
|  | |
| **How have you found this section?** | **Understand Totally** |

|  |  |
| --- | --- |
| **What is the internet?** | |
|  |  |
| **Hosting** | |
|  |  |
| **Addresses.** | |
|  |  |
| **Domain Names** | |
| Notes Here. |  |
| **DNS** | |
| Notes Here. |  |
| **Packets** | |
|  |  |
| **The Cloud** | |
| |  |  | | --- | --- | | **Advantages** | **Disadvantages** | |  |  | |  |  | |  |  | |  |  | |  |
| **Virtual Networks.** | |
| **VN** |  |
| |  | | --- | | **Other Notes or Activities** | | |  |  |  | | --- | --- | --- | | **Order the statements: IP and DNS** | | | | 1 |  |  | | 2 |  | | 3 |  | | 4 |  | | 5 |  | | 6 |  |  | |  |  |  |  |  | | --- | --- | --- | | **Exam Questions** | | | |  | 4 | Difficulty | | ANSWER -  Insert Answer | | 6 Mark Question; Quality of written communication will be assessed. |  | | ANSWER -  Insert Answer | | |
|  | |
|  | |
| **How have you found this section?** | **Understand Totally** |