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** |  |
|  |

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| **Other Notes or Activities** |
|

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| **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 |  |

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| **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** |
|  |  |
|  |  |
|  |

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

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|  |
| **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** |
|  |  |
|  |  |
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 |  |
| **Virtual Networks.** |
| **VN** |  |
|

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| **Other Notes or Activities** |
|

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| --- |
| **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** |