**MARKING SCHEME**

|  |  |  |
| --- | --- | --- |
| 1a  b  c  d | Modem  Router  Switch  NIC | 1  1  1  1 |
| 2 | Four from:   * Stores IP addresses * IP address is a unique identifier set up by network manager/ISP * Can change but should match the network it’s on * IP address consists of 4 numbers separated by full stops      * Stores MAC addresses * 6 pairs of hexadecimal digits * MAC address is usually hard coded by manufacturer, never changes | 4 |
| 3a  b |  | 2  6 |
| 4 |  | 4 |
| 5 |  | 4 |
| 6 |  | 6 |