**MARKING SCHEME**

**SECTION A**

|  |  |  |
| --- | --- | --- |
| 1a b | LCD MonitorLaser printerDVD RAM driveBlu-ray disc drive | 22 |
| 2 |  | 4 |
| 3 abc | ROM/Read Only Memory3D PrinterSensor | 111 |
| 4 ab |  | 21111 |
| 5a |  | 2 |
| 6  |  | 222 |
| 7 |  | 4 |
| 8 |  | 6 |
| 9 |  | 3 |

**SECTION B**

|  |  |  |
| --- | --- | --- |
| 10 (a)(b)(c) | A bridge A modemA switchA network interface cardThey are in this orderAll answers must be differentRouting tableFive from:Data is sent in data packets//uses data packets.Each data packet contains an IP address of the next router.The router reads/checks/inspects the IP address.It checks the IP address against its routing table.Data packet is sent to the router with the IP address.The router uses the IP address to work out the best route/destinationComputer. The router stores the IP addresses. | 415 |
| 11 | Four from:With a CLI Instructions must be typed to get a computer to carry out anactionThe user needs to remember/learn/understand the commands in a CLIThe instructions need to be entered correctly in CLIWith a CLI you have to remember the exact path and name of applicationWith a CLI it is more important that users understand how a computer worksWith a GUI you just click on an iconIn the GUI the instructions are pre-determinedGUI is more user-friendlyGUI uses more processing power GUI uses more memory | 4 |
| 12 ab |  | 33 |
| 13 |  | 4 |

**SECTION – C**

|  |  |  |
| --- | --- | --- |
| 14 |  | 6 |
| 15 |  | 6 |
| 16 |  | 6 |