**Quiz Marking Scheme**

**Data Transmission**

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| **Question** | Answer | **Marks** |
| **1 a)** | D | 1 |
| **b)** | packet | 1 |
| **2a** | Any three from: A packet is split into three different sections… the header… the payload… the trailer | 3 |
| **B** | Router | 1 |
| **C** | Any three from:* The network may be spread over a long distance …
* … so it is more reliable
* Bits will be sent/arrive in sequence
* …so bits less likely to be skewed
* Less crosstalk/interference
* … so less likely to have errors
* The data may not need to be transmitted at a fast speed // data transmission speed of serial is adequate
* The cables in the network only use serial transmission
 | 3 |
| **d)** | payload consists of the actual data being sent in the packet | 1 |