**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 |