

4 There are various formats of optical storage media currently available.

4 (a) Choose the most appropriate medium from the list below that would be best suited to the purpose given. Write your answer in the Medium column in **Table 2**. You must **not** use the same medium more than once.

CD-ROM, CD-R, CD-RW, DVD-R, DVD-RW, Blu-Ray

**Table 2**

Purpose	Medium
To distribute 300MB of commercial software	
To store a 20GB high definition movie file	
To use for a 3GB archive of the data on a school server	
To create a copy of a 60 minute audio music album	

(4 marks)

4 (b) Describe how data is written to and read from a CD-R disk.

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(3 marks)

4 (c) A series of word-processed documents have been archived onto CD-R.

State **two** reasons why in 20 years' time it might be impossible to open up these documents.

Reason 1: .....

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Reason 2: .....

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(2 marks)

