**Homework 5: Reading from a CD**

# 1. Fill in the table to show the capacity, one property and one possible use for each of the following optical devices, by selecting words and phrases from the following lists. (Do not use any word or phrase more than once).

#

Capacity: 650Mb, 4 to 9Gb, 6 to 32Gb, 1Tb

Property: Read-only, can be written to once only, can be read and written to many times, faster than an internal hard disk, very large storage capacity

Uses: Distributing movies, backups of important documents, storing music

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| --- | --- | --- | --- |
| **Device** | **Capacity** | **Property** | **Use** |
| CD-ROM |  |  |  |
| CD-R |  |  |  |
| DVD |  |  |  |

 [9]

2. (a) In the context of optical disk, what is meant by the terms **pit** and **land**? [2]

(b) Describe briefly how data is read from an optical disc. [4]

[Total 15 marks]