



BIE Homework Sheet – Year 10

Date Issued: Week commencing 24/11/2008

Date Due In: Week commencing 01/12/2008

Data Storage- Backing Storage

Q1 Give two examples of an optical disk.

Q2 a) How do optical disks store digital data?

b) How is that data then read?

Q3 Roughly how many megabytes does a CD-ROM hold?

Q4 How many times can you write data onto a CD-R?

Q5 Match each the following types of disk to the correct statement on the right:

a) CD-ROM

b) CD-R

c) CD-RW

i) Once data has been written onto them, they become read-only discs.

ii) Once data has been written onto them, it can subsequently be deleted and replaced with different data.

iii) It can only be used to read, not record, data.

Q6 a) What do the initials DVD stand for?

b) What is the name of a DVD you can write data to?

Q7 Why is access time faster with an optical disk than with magnetic tape?

Q8 How is a zip disk different from a normal floppy disk?

Q9 What type of memory does a memory stick use?

All Homework must be handed in on the date requested. If you hand in homework late or it is of an unacceptable standard you will be given a Period 6.