Chapter 2 questions:
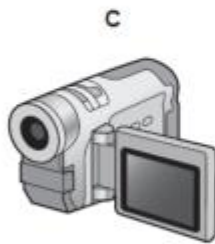
Part I:

1   Name the input devices **A**, **B**, **C** and **D** using the words from the list.

A

B

C

D

keyboard   microphone   remote control   scanner

sensor   touch pad   touch screen   video camera

A   ....   B   ....

C   ....   D   ....   [4]

2   Ring **two** items which are input devices.

Buzzer   Dot matrix printer   Graph plotter

Graphics tablet   Laser printer   Touch screen

[2]

3 Draw **five** lines on the diagram to match the input device to its most **appropriate** use.

Input Device	Use

Mouse   to input voiceovers for a presentation

Joystick   to input a PIN

Optical Mark Reader   to select options from a menu

Microphone   to operate a flight simulator

Number pad   to input candidate responses on examination papers

[5]

4 Draw **four** lines on the diagram to match the use to its most **appropriate** input method.

Use	Input method

To input text from a printed document   Bar code reader

To input data from a bank cheque   Chip reader

To input data from a bank card   MICR

To input data about a product at a POS   OCR

[4]

5 Ring **two** items which are input devices.

DVD RAM	laser printer	magnetic disc
number pad	speakers	trackerball

[2]

6   Computers are used to manage data in libraries. Name the different methods used to input data about books and borrowers and discuss the advantages and disadvantages of these.

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....   [6]

7   Discuss the advantages and disadvantages of using RFID technology.

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....   [6]

8 Name three applications in which RFID technology is used.

1 ....

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2 ....

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3 ....

.... [3]

9 A customer uses a bank card to purchase a product at a supermarket checkout. The checkout operator uses a number of devices to input data about the customer and the product.

Identify **four** of these input devices and for each one describe a different item of data that will be input.

Device 1 ....

Data ....

....

Device 2 ....

Data ....

....

Device 3 ....

Data ....

....

Device 4 ....

Data ....

.... [8]

Part II:

1 Ring **two** items which are output devices.

DVD ROM	**Hard disc**	**Keyboard**
Plotter	**Robot arm**	**Scanner**

2 Tick **True** or **False** next to each of these statements.

	True	False
Dot matrix printers produce high quality output.		
Laser printers are very noisy.		
Graph plotters are used when extremely large hard copy is required.		
Inkjet printers are used where continuous stationery is required.		

[4]

3 Ring **two** items which are output devices.

Blu-ray disc	**Graph plotter**	**Graphics tablet**
Optical mark reader	**Projector**	**Web cam**

[2]

4 Draw **four** lines on the diagram to match the use to its most **appropriate** output device.

Use   Output device

to produce very large high quality hard copy   dot matrix printer

to display data from a computer on to a large screen   plotter

to alert mobile phone users to incoming calls   multimedia projector

to output multipart forms   buzzer

[4]

Part II:

5   Name the devices **A**, **B**, **C** and **D** using the words from the list.

A	**B**	**C**	**D**

bar code	dot matrix printer	flash memory card	inkjet printer
monitor	multimedia projector	scanner	trackerball

A ....

B ....

C ....

D ....

[4]

6   Give three advantages of using LED monitor over the traditional LCD monitor.

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.... [3]

7 Explain what is meant by 3-D printers, giving two advantages and two disadvantages of using them.

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.... [6]

8 **Tick whether the following are examples of Magnetic tape, Blu-ray or DVD RAM.**

	Magnetic tape	Blu-ray	DVDRAM
Does not require a laser to read the data.			
Uses serial access only.			
Used to store and play HD movies.			
Can store and read data at the same time.			

9 **Laptop computers are often equipped with Solid State Drives (SSD) or Hard Disk Drives (HDD). Give four advantages of SSD compared to HDD.**