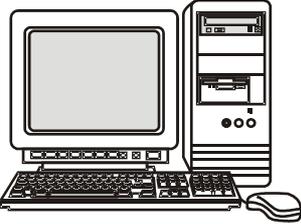


## Input & Output Revision Questions

1. This is part of an advertisement for a computer.

# OFFICE COMPUTER RETAILING

Technical specification includes:

<p><b>2 GHz CPU</b> <b>256 MB RAM</b> <b>200 GB Hard Disk Drive</b> <b>64 MB Graphics Card</b> <b>DVD-ROM Drive</b> <b>Sound Card</b> <b>56k Internal Modem</b> <b>Magnetic Tape – DAT Drive</b> <b>1.4 MB Floppy Drive</b> <b>Mouse</b> <b>Joystick</b> <b>Network Card</b></p>	
	<p><b>Keyboard</b> <b>17" Monitor</b> <b>2 x 20 Watt Loudspeakers</b> <b>High Resolution Inkjet Printer</b></p>

- (a) Give **two** devices from the advertisement that are only used for input.

1 .....

2 .....

[2]

- (b) Give **three** devices from the advertisement that are only used for data storage.

1 .....

2 .....

3 .....

[3]

- (c) Give **three** devices from the advertisement that are only used for output.

1 .....

2 .....

3 .....

[3]

(d) Tick **two** uses of the Magnetic Tape - DAT Drive.

	✓
Backing up the hard disk.	
Checking for viruses.	
Editing a letter.	
Moving large files from one computer to another.	
Printing programs.	
Scanning pictures.	

[2]

2. (a) Look at the list below that outlines the **output** and **input** devices used in a theatre. For each piece of equipment, tick **one** column that best describes the device.

Equipment	Input	Output	Both
Digital display			
Keyboard			
A standard monitor			
Touch screen monitor			
Printer			
Mouse			

[6]

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## Input & Output Revision Questions

- (b) Prince's Theatre uses a touch screen monitor in the area where food and drink are sold.

State **two** reasons why the theatre may want to use a touch screen, rather than a traditional keyboard, in this area.

Reason 1 .....

.....

Reason 2 .....

.....

[2]

3. Match the name of the input method below to its description.

- MICR
- OCR
- Bar code
- Swipe card
- Smart card
- Pressure sensor

An input device that signals a door to open automatically when a customer walks on a pad in the doormat	
Lettering that appears on the bottom of cheques	
Device with a built-in chip that has the new loyalty points written to it each time a customer uses the card	
Pattern of lines that represent a product number	
A way of converting paper-based text to a word processing file	
This has data stored on a magnetic strip which can be read but not written to	

## Input & Output Revision Questions

4. In some health centre situations, a concept keyboard is more appropriate than a traditional keyboard because:

Tick each correct answer.

concept keyboards are easier to clean	
concept keyboards only work with Macintosh computers	
concept keyboards are easier to use wearing gloves	
concept keyboards are much smaller than traditional keyboards	
concept keyboards are more difficult to use	
concept keyboards are more hygienic as they have no moving parts	
concept keyboards can be used in areas where there are fluids	
concept keyboards are ideal for large amounts of text input	
concept keyboards can have pictures on	

[5]

5. Tick **three** ways that data can be input at a supermarket checkout.

	3
bar-code reader	
joystick	
key pad	
magnetic stripe	
MICR	
plotter	
Zip disk	

[3]

6. A travel company is producing a page of a brochure that is illustrated.

Explain when each of the following is the most suitable method of obtaining the information.

scanner .....

.....

digital .....

.....

camera .....

.....

clip art .....

.....

painting package .....

.....

[4]

7. To insert a copy of a picture from a magazine into an electronic document, the user should use a

- A scanner
- B browser
- C photocopier
- D spreadsheet

[1]

8. Underline **two** methods of inputting data to a computer.

**central processing unit**

**graphics tablet**

**mail merge**

**OCR**

**plotter**

**RAM**

[2]

9. The following list gives ways of getting pictures for use in Look Lively's brochure:

- Scanner

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### Input & Output Revision Questions

- Clip-art
- Digital camera
- Drawing the pictures yourself using drawing software.

Give **one** advantage for each method used.

Scanner

Advantage .....

.....

Clip-art

Advantage .....

.....

Digital camera

Advantage .....

.....

Drawing the pictures yourself using drawing software.

Advantage .....

.....

[4]

10. A newsletter for supermarket staff is to be produced using a computer. It will include pictures of staff working.

Give **three** advantages of using a digital camera to obtain the pictures.

Advantage 1 .....

.....

Advantage 2 .....

.....

Advantage 3 .....

.....

[3]

11. Circle **two** input devices.

- |       |              |         |
|-------|--------------|---------|
| DVD   | loudspeaker  | monitor |
| mouse | touch screen | printer |

[2]

12. Bar-code readers, graphics tablets, optical mark readers (OMR) and touch screens are all used to input data to a computer.

Draw a line to link each input method to its everyday use.

Input method	Everyday use
Bar-code readers	In fast food restaurants
Graphics tablets	In designers' offices
OMR	At supermarket checkouts
Touch screens	In school registration systems

[4]

### Input & Output Revision Questions

13. Tick **two** input devices that can be used to move a pointer on a screen.

Device	tick (✓)
Joystick	
Magnetic stripe reader	
Scanner	
Temperature sensor	
Tracker ball	

[2]

14. Underline **two** output devices.

**joystick**

**plotter**

**printer**

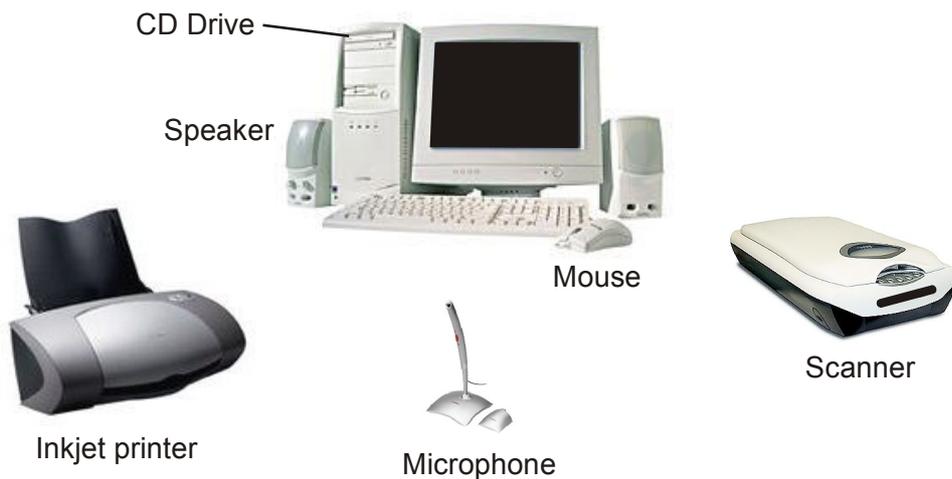
**scanner**

**temperature sensor**

**tracker ball**

[2]

15. Casper has been on a school geography trip.  
He uses this computer system to make a presentation about the trip.



(a) Casper needs to collect sounds for the presentation.

Identify **one** input device in the system that he would use.

.....

[1]

(b) Casper took some photographs on the trip and had them printed.

Identify **one** input device in the system that he would use to add these photographs to his presentation.

.....

[1]

(c) Casper wants to use a photograph from a library book in his presentation.

Give **one** reason why he should **not** do this.

.....

[1]

(d) Casper has to do some homework about the trip.

Tick **one** box in each row to show the most suitable software package to use for each homework task.

Homework Task	Database (✓)	Graphic package (✓)	Word Processor (✓)
Storing details of the places visited			
Typing a report about the trip			
Editing the pictures of the trip			

[3]

## Input & Output Revision Questions

- (e) Casper saves his work in a file on his hard disk. When he wants to use it again, he cannot open the file.

Give **one** possible reason for this problem.

.....

[1]

16. Underline **two** input devices.

**buzzer**                  **graphics tablet**                  **plotter**  
**printer**                  **speaker**                  **touch screen**

[2]

17. Underline two data collection devices.

**CD-R**                                  **OCR**                                  **Zip drive**  
**Monitor**                              **Printer**                              **Light sensor**

[2]

18. (a) Identify these two ways of presenting data for direct input into a computer.



Way 1 .....  
2 .....

Way

[2]

(b) Underline **two** storage devices.

**monitor**                      **hard disk drive**                      **bar-code reader**  
**central processing unit**                      **mouse driver**                      **CD-**  
**RW drive**

[2]

(c) Underline **two** items which would be needed by a family's computer.

**control devices**                      **operating system**                      **graphics tablet**  
**central processing unit**                      **sensors**  
**robotic arm**

[2]

19. Tick **two** uses of a joystick.

	✓
Controlling a robot	
Entering text	
Playing games	
Reading numbers from cheques	
Sending output to a printer	
Storing data	

[2]

20. Underline **two** output devices.

**buzzer**      **graphics tablet**      **microphone**      **plotter**      **scanner**      **keyboard**

[2]

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**Input & Output Revision Questions**

**21.** Give **three** advantages of using a laser printer rather than a dot matrix printer.

- 1 .....
- 2 .....
- 3 .....

[3]

**22.** A salesperson at an exhibition will be giving a multimedia presentation to a large group of people using a laptop computer.

State **two** extra devices that may be needed for the presentation. Give a reason for each.

Device 1 .....

Reason .....

.....

Device 2 .....

Reason .....

.....

[4]

23. Here are some output devices that can be connected to computers.

**Speakers**



**Plotter**



**Laser Printer**



**Buzzer**



**Monitor**



**Robot arm**

In the table, write the name of the device that would be used for each of the tasks.

Task	Device
Playing music	
Painting a car	
High quality printing	

## Input & Output Revision Questions

24. Tick **one** box in each row to show which item is most suitable for each of the tasks shown.

	Laser printer (✓)	Dot Matrix printer (✓)
Making many high quality copies in an office.		
Printing on multi-part stationery in a garage.		

[2]

25. Complete the chart to show **one** suitable input and **one** suitable output device for each task.

Task	Input device	Output device
The nurse wishes to capture data from the barcode on a medicine package to check its use by date.		
The nurse wishes to automatically log a patient's temperature over time and place the results in the patient's envelope.		
The practice manager wishes to automatically monitor the number of people entering and exiting the waiting room in order to do spot checks at any time of day.		
The practice manager wishes to install a security system to raise an alarm if the surgery is entered illegally at night.		

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### Input & Output Revision Questions

26. The following output devices are used in Low-Price supermarket. For each output device, suggest a possible user and state what it is used for.

Output device	User	Purpose
Printer		
Warning alarm		

[4]