

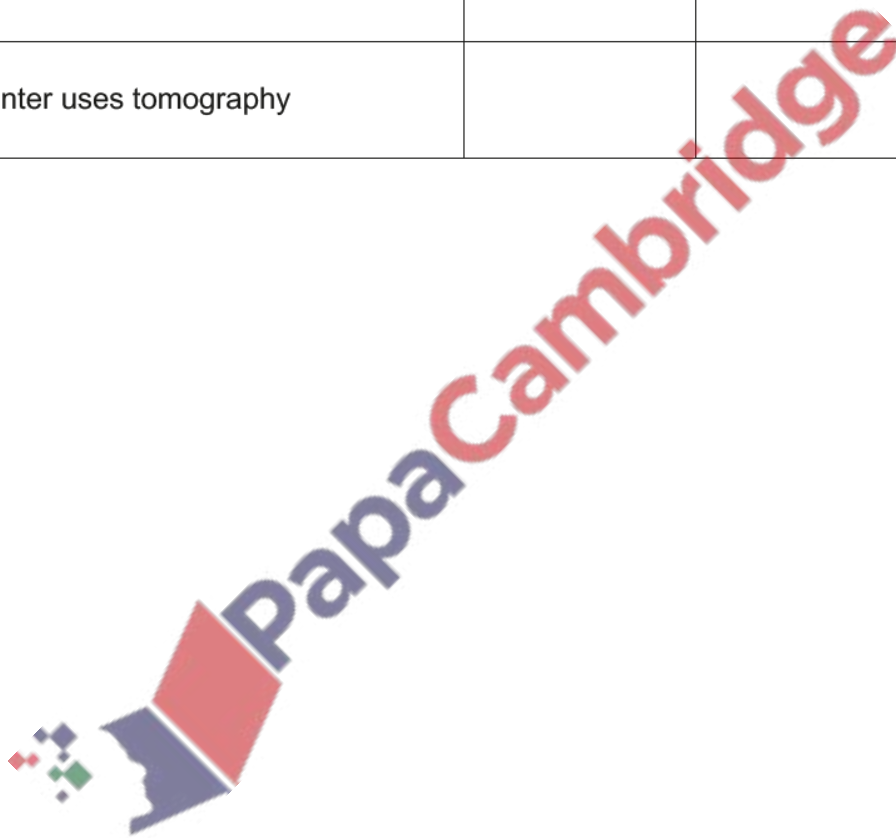
Input and output devices – 2021/20 IGCSE 0417

1. Nov/2021/Paper_12/No.2

Tick (✓) the most appropriate printer which relates to the following statements.

	3D (✓)	Dot matrix (✓)	Laser (✓)
This printer is an impact printer			
This printer uses toner			
This printer uses an inked ribbon			
This printer uses tomography			

[4]



3. Nov/2021/Paper_12/No.11

An air-conditioning system has been fitted in a hotel bedroom. The air-conditioning system will contain fans which operate at varying speeds.

Identify the devices used in the system from the descriptions given.

(a) This device captures the temperature from the room.

..... [1]

(b) This device changes the data from the microprocessor into a form that can change the speed of the fan.

..... [1]

(c) This output device operates the fan.

..... [1]

4. Nov/2021/Paper_13/No.1

A tablet computer has input and output devices.

(a) Give **two** examples of input devices which are part of a tablet computer.

1

2

[2]

(b) Give **two** examples of output devices which are part of a tablet computer.

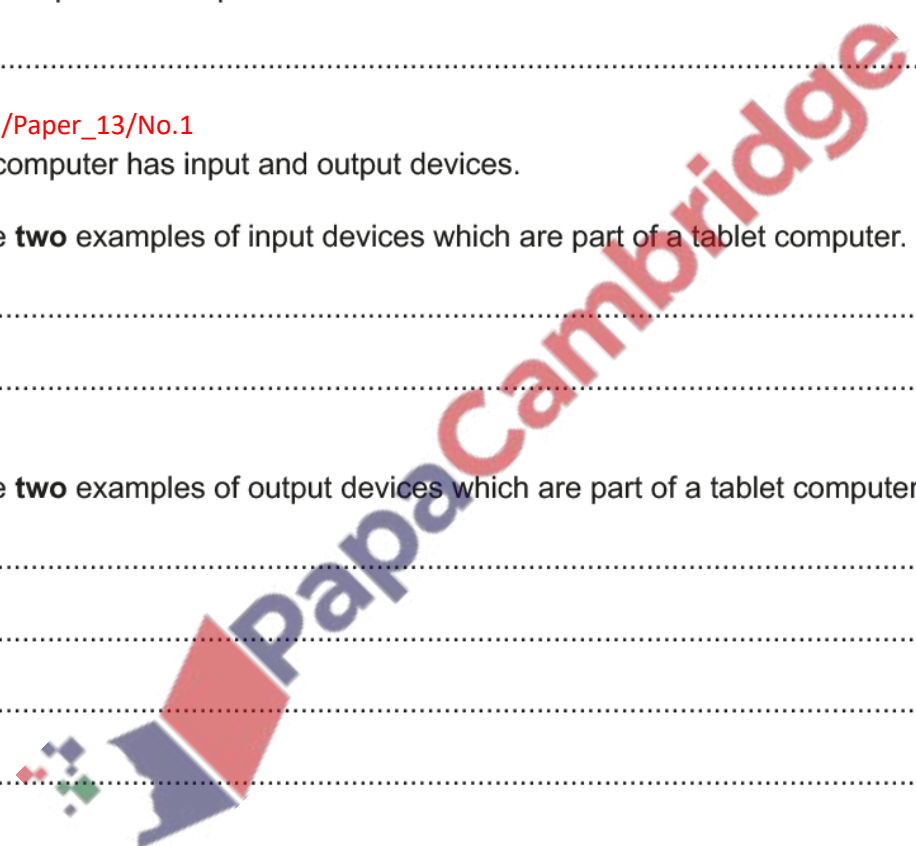
1

.....

2

.....

[2]



7. Mar/2021/Paper_12/No.6

Complete the following sentences, using the most appropriate direct data entry device.

- | | | | |
|-------------------|---------------|---------|--------------------------|
| a bar code reader | a chip reader | MICR | a magnetic stripe reader |
| OCR | OMR | PIN pad | RFID reader |

(a) The device that reads data from a card in a contactless card system is called

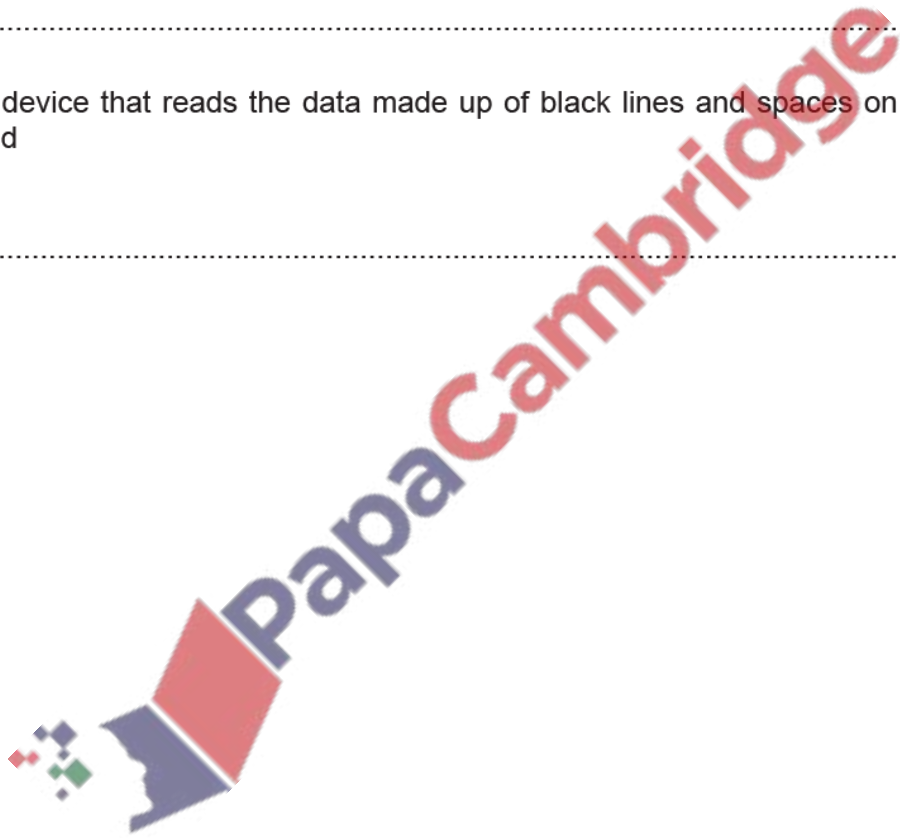
..... [1]

(b) The device that reads scanned text and converts it into a readable form is called

..... [1]

(c) The device that reads the data made up of black lines and spaces on household goods is called

..... [1]



10. June/2021/Paper_12/No.2a

(a) Circle **two** items that could be used to output data directly from a smartphone.

- | | | | |
|--------------|------------|---------|--------|
| Blu-ray disc | microphone | mouse | screen |
| SD card | sensor | speaker | webcam |

[2]

11. Nov/2020/Paper_11/No.1a

Complete the question using an appropriate item from the list given.

- | | | | | |
|--------------------|---------------------|-----------------|-----------|---------------|
| Blu-ray disc drive | DVD RAM drive | Hard disk drive | Keyboard | Laser printer |
| LCD monitor | Magnetic tape drive | Mouse | Pen drive | SSD |

(a) Identify **two** output devices from the list.

1

2

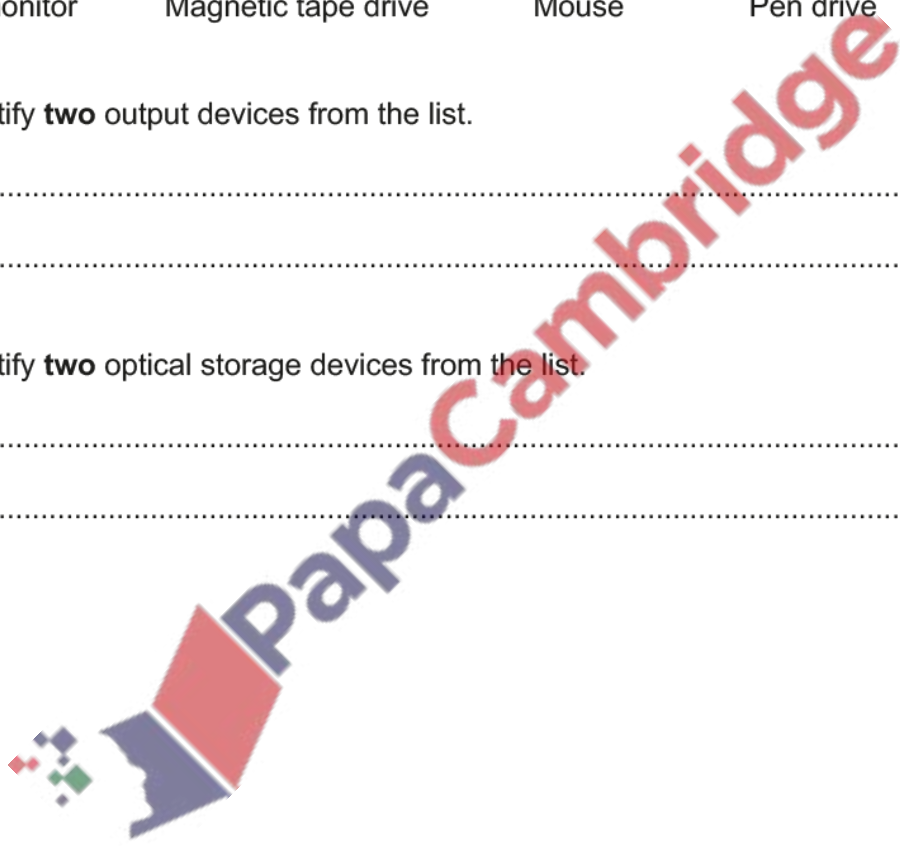
[2]

(b) Identify **two** optical storage devices from the list.

1

2

[2]



12. Nov/2020/Paper_12/No.1a,b

Complete the question using an appropriate item from the list given.

- | | | | | |
|-----------------|---------------|--------------------------|-----------------|-------------|
| Bar code reader | Blu-ray drive | DVD drive | Hard Disk Drive | Keyboard |
| Memory stick | Mouse | Optical Character Reader | SSD | TFT monitor |

(a) Identify **two** solid state storage devices from the list.

1

2 [2]

(b) Identify **two** direct data entry devices from the list.

1

2 [2]

13. Nov/2020/Paper_12/No.3

A computer system consists of a number of different items of hardware.

Write down the most appropriate item of hardware that fits the following descriptions.

(a) A non-volatile device that stores the start-up commands.

..... [1]

(b) A printer that produces physical objects.

..... [1]

(c) A hardware device that reads analogue data from the environment.

..... [1]

15. Mar/2020/Paper_12/No.1

A list of hardware items is given.

3D printer	Actuator	LCD monitor	Memory stick	Mouse
RAM	Touch screen	Video card	Webcam	Wide format printer

(a) Identify **two** input devices from the given list.

1.....

2.....

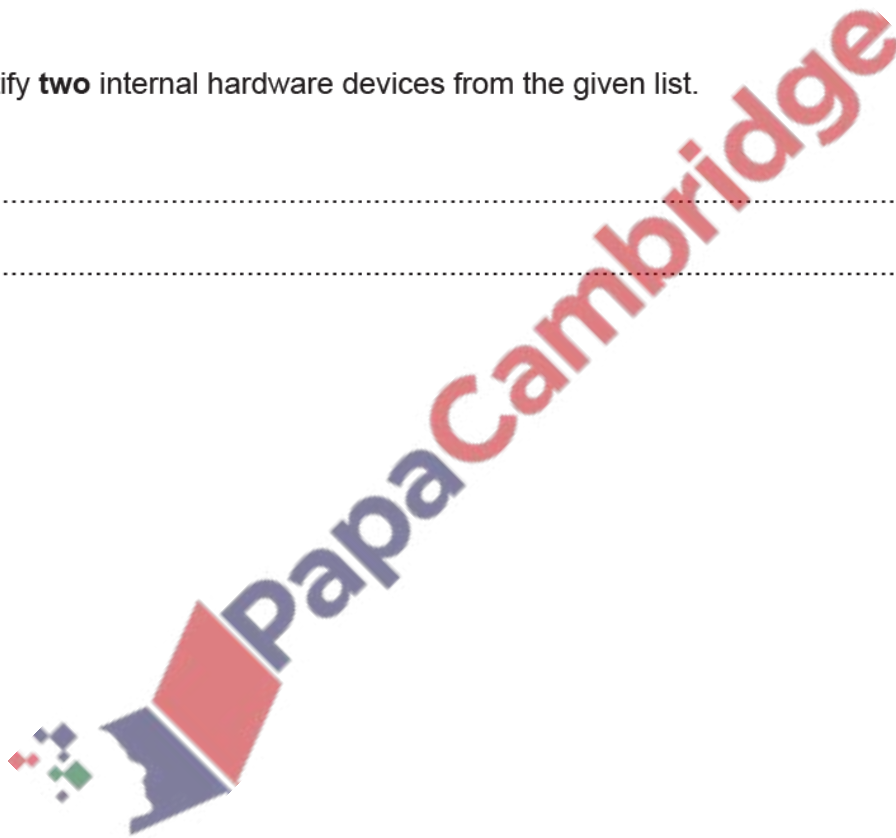
[2]

(b) Identify **two** internal hardware devices from the given list.

1.....

2.....

[2]



17. June/2020/Paper_11/No.9

Point of sale (POS) terminals are used in supermarkets.

(a) Tick (✓) which of the following devices used at a POS terminal are only input devices, which are only output devices and which are both.

Device	Input (✓)	Output (✓)	Both (✓)
Bar code reader			
Buzzer			
Touch screen on till			
Receipt printer			
Light sensor on the conveyor belt			
Electronic scales			

[6]

