

Input and output devices – 2022 ICT IGCSE 0417

1. **March/2022/Paper_12/No.1(b)**

(b) One input device used on a tablet computer is a touch screen.

Name **two** other input devices built into a tablet computer.

1

2

[2]

2. **March/2022/Paper_12/No.2**

Circle **two** items that contain personal data.

bank card

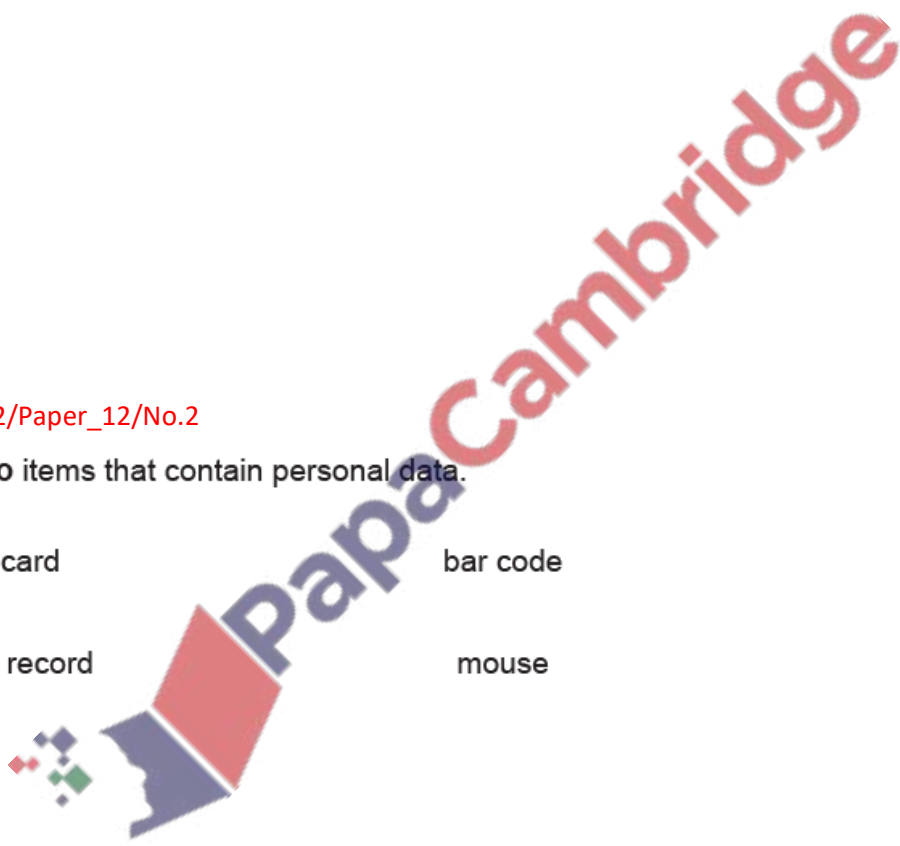
bar code

laser printer

medical record

mouse

sensor



[2]

4. June/2022/Paper_11/No.2

Complete each sentence using the most appropriate item from the list. Your answers must be different in each case.

- | | | | |
|----------|-----------|----------|-----|
| ADC | an applet | hardware | HDD |
| a router | a sensor | software | SSD |

(a) The physical components of a computer are called

..... [1]

(b) Programs and data are examples of

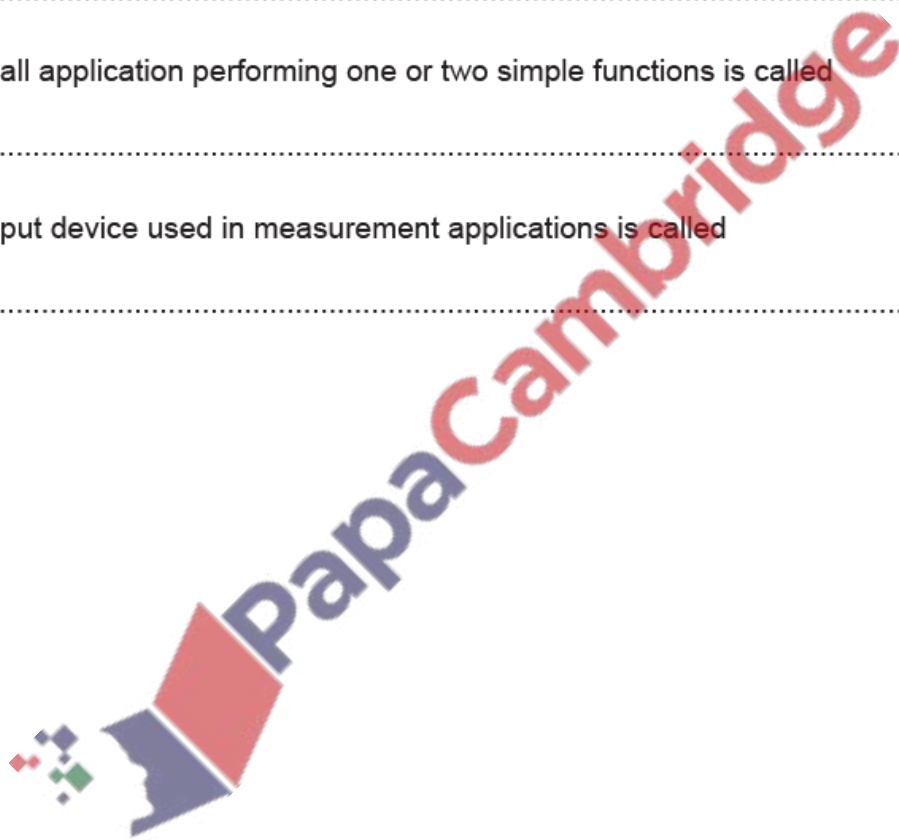
..... [1]

(c) A small application performing one or two simple functions is called

..... [1]

(d) An input device used in measurement applications is called

..... [1]



5. June/2022/Paper_11/No.3

Identify **two** devices which are used in control systems.

1

2

[2]

6. June/2022/Paper_11/No.5

Many bank cards now use contactless technology.

Describe the advantages and disadvantages of using these cards rather than cards that use chip and PIN.

.....

.....

.....

.....

.....

.....

.....

.....

.....

[4]

7. June/2022/Paper_11/No.9(b)

(b) Martin wants to record a message for his students. His voice will be added to the presentation. He will also need to listen to his voice to make sure the sound is of good quality.

Name two devices that he will need.

1

2

[2]

8. June/2022/Paper_12/No.1

Circle two input devices.

3D printer

Actuator

CD ROM

Digital camera

Keyboard

Linker

Monitor

Speaker

[2]

9. June/2022/Paper_12/No.5

A library is considering the way it issues books. The librarians are planning to use RFID rather than bar codes.

Describe the advantages of using RFID rather than bar codes.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

[4]

12. June/2022/Paper_13/No.8

Tawara Hotel uses magnetic stripe cards to allow guests access to their bedrooms. The hotel is changing the electronic lock it uses on its bedroom doors so the lock can work with RFID cards.

Compare the use of magnetic stripe cards and RFID cards for key entry. Your answer must include similarities and differences.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

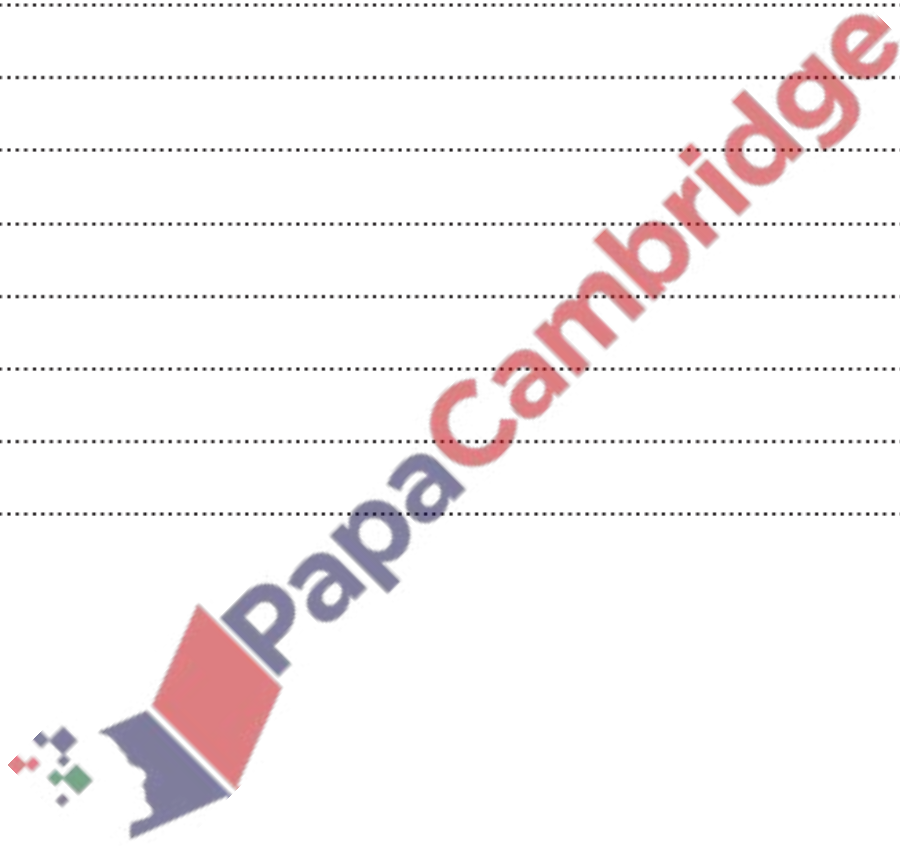
.....

.....

.....

.....

[6]



13. Nov/2022/Paper_13/No.2

A computer controlled glasshouse is used to grow plants.

State three sensors that could be used in the glasshouse.

1

2

3

[3]

