

Storage devices and media – 2021/20 IGCSE 0417

1. **June/2021/Paper_12/No.3**

Tick (✓) the most appropriate storage medium that should be used in each scenario.

Scenario	Magnetic tape (✓)	RAM (✓)	ROM (✓)
To store the current instructions in use by a computer			
To back up data from a school network server			
To store data temporarily			
To store the start-up instructions of a computer			

[4]

2. **June/2021/Paper_13/No.1**

Tick (✓) whether the following statements refer to **Backing storage**, **RAM** or **ROM**.

	Backing storage (✓)	RAM (✓)	ROM (✓)
This is temporary storage used for the application being executed.			
This is volatile memory.			
An example of this storage is an SSD.			
This stores the start-up instructions for the computer.			

[4]

3. June/2021/Paper_13/No.14

Magnetic tapes are used in organisations for backing up data.

Describe the advantages and disadvantages of using magnetic tapes rather than flash memory for backing up data.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

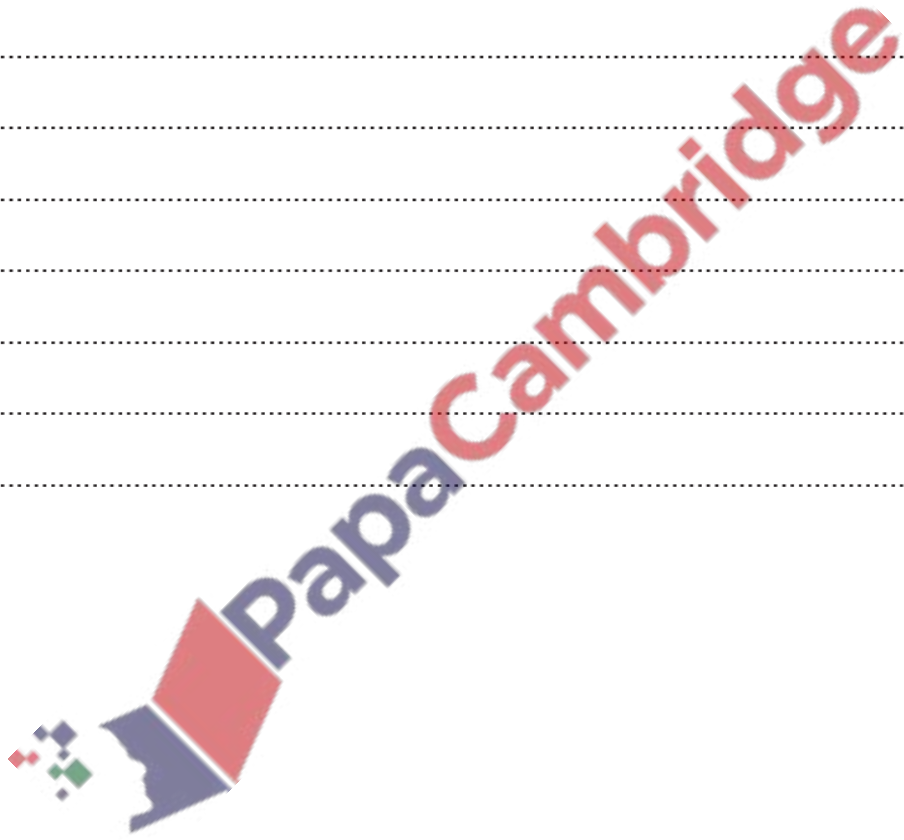
.....

.....

.....

.....

[6]



4. June/2020/Paper_11/No.1a,b

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]

5. 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]

7. June/2020/Paper_12/No.14

There are two types of storage within a computer, internal memory and backing storage.

Discuss the differences between internal memory and backing storage.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

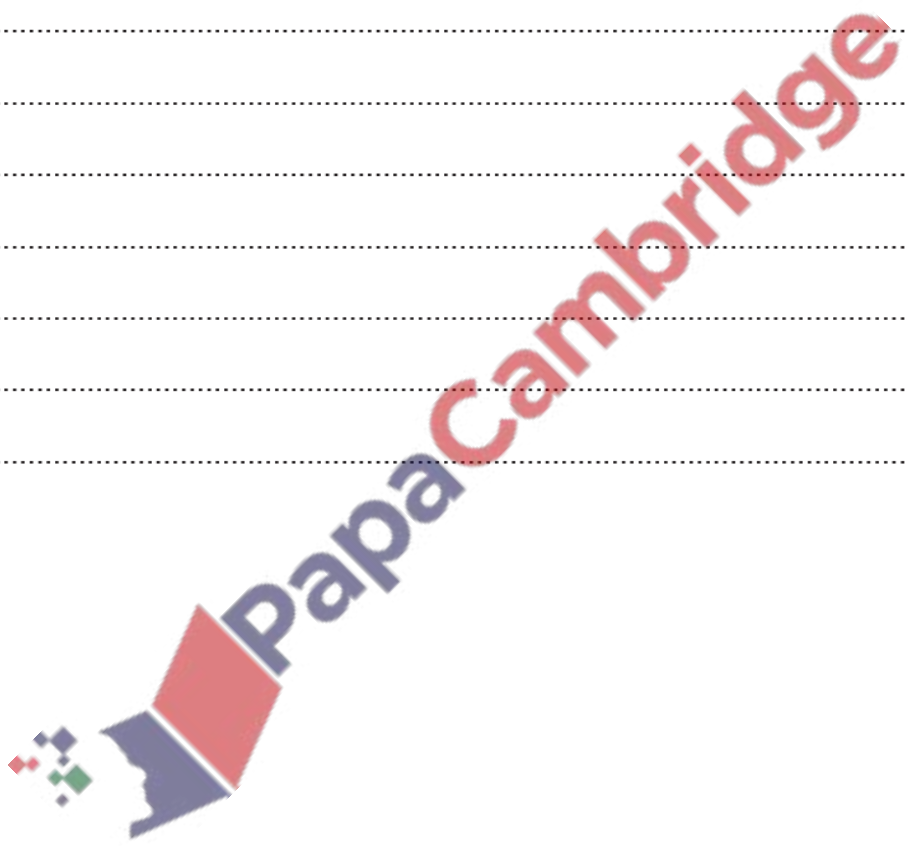
.....

.....

.....

.....

[6]



8. June/2020/Paper_13/No.9

Lanfen has purchased a new computer. The computer has no internal storage. All the data is stored in the cloud.

Compare and contrast computers that use cloud-based storage and computers that have internal backing storage.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

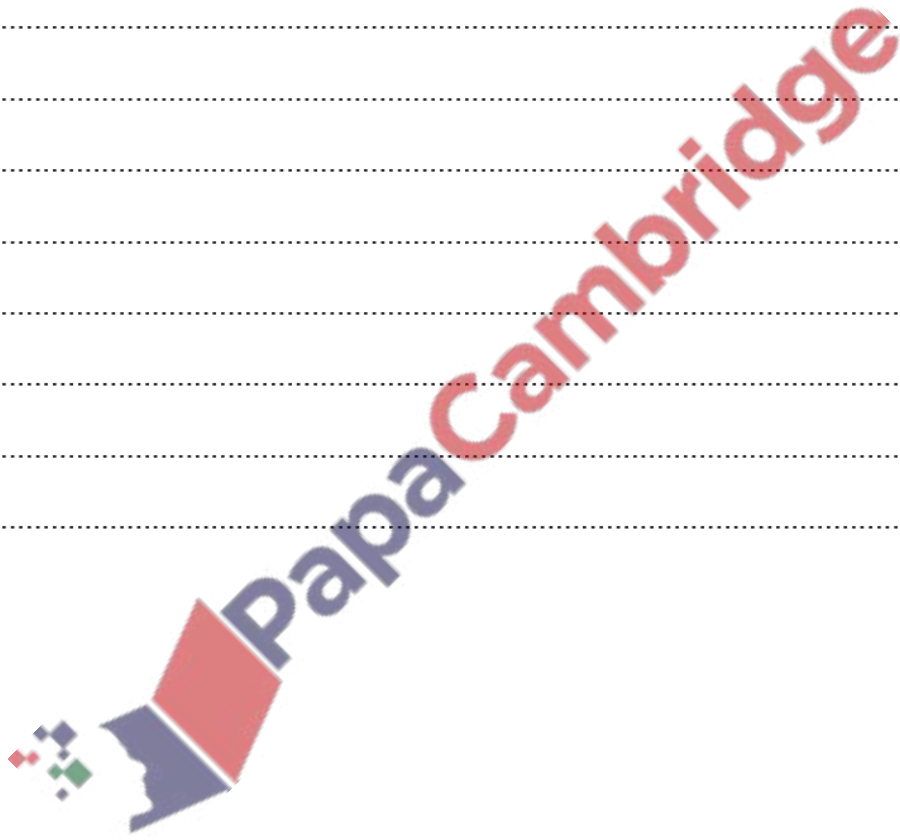
.....

.....

.....

.....

.....



[6]