## Storage devices and media – 2022 ICT IGCSE 0417

I.	Network devices are used in computer systems.				
	Con	nplete each sentence by identifying the most appropriate network device.			
	(a)	The network device that is used to transmit the data along an analogue telephone line is			
			[1]		
	(b)	The network device that connects a LAN to a WAN is a			
	(c)	The network device that allows data to be directed to a specific computer on a LAN is a	[1]		
	(c)	The network device that allows data to be directed to a specific computer on a LAIV is a	[1]		
	(d)	The internal network device that allows a computer to connect to a LAN is a			
			[1]		
2.	Ма	/2022/Paper_11/No.4 ny laptop computers use the cloud to store data. A technician has produced a report or top computer but has stored the report on a memory stick rather than storing it on the cloud			
			u.		
		scribe <b>two</b> advantages of using a memory stick rather than the cloud to store data.			
	I				
	2				

3.	June/2022/Paper_12/No.6 Laptop computers use Solid State Drives (SSD) rather than Hard Disc Drives (HDD).	
	Describe two disadvantages of using an SSD rather than an HDD in a laptop computer.	
	1	
	2	
		[2]
4.	June/2022/Paper_12/No.5  A library is considering the way it issues books. The librarians are planning to use RFID rather bar codes.  Describe the advantages of using RFID rather than bar codes.	than
		[4]

E	Bridge	Digital camera	DVD RAM Drive	Linker
M	lemory stick	Mouse	Printer	Spreadsheet
				[2
	/2022/Paper_13/No.4 mputers can store data in	the cloud rather than usi	ng storage devices in the	computer.
(a)	Describe three benefits	of storing data in the clo	ud.	
	1			
	2		O.	
			<b>*</b>	
	3			
		20		
(b)	Describe three drawba	cks of storing data in the	cloud.	[3]
(-)	1			
	2			
	3			

5. June/2022/Paper\_13/No.1

Circle two storage devices.

[3]

Describe four advantages of using a pen drive rather than a portable hard disk drive.	
1	
2	
3	
4	
	[4]
Nov/2022/Paper_13/No.10	
(a) For each of the following types of backing storage give one example of its associated me Your answers must be different in each case.	edia.
Optical	
Magnetic	
Solid state	
	[3]

Many students prefer to store data on external storage devices like pen drives or portable hard disk

**7.** Nov/2022/Paper\_11/No.12

drives.

8.

(b)	Describe three differences between optical and magnetic backing storage.	
	1	
	2	
	3	
		[3]
An She	/2022/Paper_13/No.15(a) employee is carrying out work for her company at home. The work she is doing is confiden has been advised by her company to use encryption. She wishes to transfer some of this wheeler the office.	
(a)	Discuss <b>two</b> different methods she could use to transfer this work to the office. Include in yanswer the advantages and disadvantages of each method.	/our
	<b>100</b>	
		[6]

9.