Term: I

II.

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Date:		

I. (Choose the right ans	wer.			[4	
Ī	Attributes	Bandwidth Table Radio			waves	
Ĺ						
	1 Table are	made up of rows	and columns. are re	epresented by c	olumns.	
	2. A type of electro	magnetic waves t	hat travels at the sp	eed of light _ R	adio waves	
	3. Characteristics o	f a field are know	n as Attributes	·		
	4. Bandwidth is of time.	an amount of dat	a that can be sent a	nd received in a	a fixed amount	
. 9	State whether the st	atements are tru	e or false.		[4	
!	5. Digital content car	n be stored on ser	vers.		True	
(6. Tables are made up of rows and columns.				True	
	7. Photographs are not stored on servers.				False	
;	8. Paitents can track their health vital signs such heart rate.		True			
9	9. The find feature does not help to find the phrases in spreadsheet.			False		
iI. I	Match the following				[4]	
	10. Fiber-optic cab	e	a. 54 megab	a. 54 megabits per second (Mbps)		
	11. Stock control		b. Up to 1 gi	b. Up to 1 gigabit per second (Gbps)		
	12. Twisted copper	wire		c. keeping track of the products so that they are available.		
	13. Wi-Fi (home ne	tworks)	d. Over 40 to	erabits per seco	nd (Tbps)	

10)	11)	12)	13)
d	С	а	b

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IV. Answer the following.

[8]

- 14. A database is being created to manage the bus station's operations. The data below must be stored in a table: /2
 - Bus Code
 - Number of passengers seated

Complete the table by identifying the data type of each field.

Field name	Data type
Bus Code (2 letters, 3 numbers, e.g. LT256)	Text
Total number of passengers seated (e.g. 252)	Number
Destination (e.g. Soho)	Text

15. Andera is a data analyst. She created the database to maintain the monthly sales so that she can store, access and retrieve the data. /2

List the four important questions that she must be ask herself before creating the database.

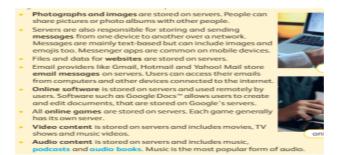
A database is a computerised system that makes it easy to store, search for and retriew information. A database stores data in one or more tables which can be easily updated Before creating the database, we must ask these questions:

- 1 What is the purpose of the database?
- 2 What data needs to be stored?
- 3 How should the data be organised?
- 4 What would be the column headings in each table?

16. Hassan is a server engineer who maintains the all types of data in a centralised server.

Can you list the different types of digital content?

/2



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/2

17. Explain any two digital contents with at least three points each?

 Photographs and images are stored on servers. People can share pictures or photo albums with other people.

- Servers are also responsible for storing and sending messages from one device to another over a network.
 Messages are mainly text-based but can include images and emojis too. Messenger apps are common on mobile devices.
- Files and data for websites are stored on servers.
- Email providers like Gmail, Hotmail and Yahoo! Mail store email messages on servers. Users can access their emails from computers and other devices connected to the internet.
- Online software is stored on servers and used remotely by users. Software such as Google Docs™ allows users to create and edit documents, that are stored on Google's servers.
- All online games are stored on servers. Each game generally has its own server.
- Video content is stored on servers and includes movies, TV shows and music videos.
- Audio content is stored on servers and includes music, podcasts and audio books. Music is the most popular form of audio.





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