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 Test - Computer Memory

Ans 1: Volatile Memory - It is a type of memory that loses its content when the power is turned off. Ram and Rom is a volatile memory. Data of Ram is a volatile it will exist as long as there is no interruption in memory. It requires power to maintain the stored information. It is a volatile memory. It needs power to reach the computer memory. Also Ram and Rom is a volatile memory.

Ans 5.1: (A - R-W) - (A) (B)

2. Blue-ray disc - ~~RAM~~ (C)

3. DVD Rom - (A) (A)

4. Memory - (C) (A)

Ans 3: Three types of commonly used mass storage devices are following:

* Flash drive / USB

* Optical disc (CD, DVD, Blue ray)

* Hybrid drives These are commonly used

main storage devices. This is used for store the data for computer. USB is common storage devices because it stores the data for computer.

Section - B

2 marks

Ans 4 - Difference between Ram and Rom are following:

	<u>Ram</u>	<u>Rom</u>
1.	Ram is a (Random Access Memory)	1. Rom is a (Read only Memory).
2.	It is a volatile memory because loses data when power is turned off.	2. Rom is a non-volatile memory because retains data when power is turned off.
3.	It is a temporary storage for running applications and data.	3. It is a permanent storage when we save any document then this document permanently stores in the computer.

Ans 2 Match

Memory Card is a solid state storage.

Ans 6 - Functions of Pen drive are following

A pen drive also known as a USB flash drive is a portable storage device that serves several functions.

- * Data storage - stores files, documents, images, audio and video.
- * Data transfer - Transfer files between computer and other devices.
- * Portability - Compact and lightweight so user can carry the pen drive. It is a portable device because user can easily data transfer to the computer.
- * Encryption - Some pen drives offer encryption for secure the data in the computer.
- * Backup - Creates backups of important files and documents.

Ans 7 - Function of hard disk - A hard disk is a non-volatile storage device that a crucial role in computer.

- * Data storage - stores operating system programs and user data.

Ans 9 Floppy disk A floppy disk or diskette is a data storage medium composed of a disk of thin and flexible magnetic storage.

* They are written read storage by a floppy disk drive (FDD)

* It transfers data to and from the motherboard of the computer.

Ans 10 (i) True

(ii) false

(iii) True.