

DON BOSCO SCHOOL OF EXCELLENCE

EGMORE

COMPUTER SCIENCE – Grade 4

Lesson 1 – DATA STORAGE AND MEMORY

ANSWER THE FOLLOWING:

1. What is a primary memory?

Ans: Primary memory (also known as main memory) is a component of the computer that holds data, programs and instructions. It is divided into two types:

- Random Access Memory (RAM)
 - Read Only Memory (ROM)
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2. What is a byte?

Ans: The basic unit for measuring the memory of a computer is called a byte. A byte consists of a group of eight bits, i.e., 1 byte equals to 8 bits. Example: 10001011.

3. Differentiate between RAM and ROM.

Ans:

RAM	ROM
<ul style="list-style-type: none">• It is a temporary memory of the computer.	<ul style="list-style-type: none">• It is the permanent memory of the computer.

<ul style="list-style-type: none"> • It is a read-write memory. The data can be written and read. 	<ul style="list-style-type: none"> • It is a read only memory. The data can only be read.
<ul style="list-style-type: none"> • It is a volatile memory as it temporarily stores the files as long as the computer is on. 	<ul style="list-style-type: none"> • It is a non-volatile memory as it permanently stores the files even when the power is turned off.
<ul style="list-style-type: none"> • Data stored in RAM can be retrieved and altered. 	<ul style="list-style-type: none"> • We can only read the data stored in ROM. It cannot be altered.
<ul style="list-style-type: none"> • It temporarily stores the files and data that the CPU needs to process the current instructions or work. 	<ul style="list-style-type: none"> • It stores the BIOS program on the motherboard of a computer, which is needed to bootstrap the computer.

4. What is a Blue-Ray Disc?

Ans: Blu-ray disc is an optical disc. It is used for storing a large amount of data. The main difference between DVDs and Blu-ray discs is that storage capacity of Blu-ray disc is higher than that of the DVD.

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Lesson 2– Managing Files and Folders in Windows 10

ANSWER THE FOLLOWING:

1. What does Start menu display?

Ans: The Start menu has two panes. The left pane displays an alphabetical list of all the programs installed on our computer. The right pane contains tiles.

2. What is the use of pinning an application on the Taskbar?

Ans: Pinning an application on the Taskbar helps us to quickly access the frequently used applications.

3. What is Recycle Bin?

Ans: Recycle Bin is a repository where files are temporarily stored after they are deleted.

4. Write steps to create a folder on desktop.

Ans: To create a folder on the desktop, following are the steps:

Step1: Right click at a blank spot on the desktop.

A pop-up menu appears.

Step2: Move the mouse pointer to the New option.

A submenu appears.

Step3: Click on the Folder option. A new folder icon with the name New Folder appears on the desktop.

We can now type a name of our choice and press the Enter key. The new name appears on the folder icon.

5. What is a file? Write steps to move a file.

Ans: A file is a collection of data and information, stored on a storage device.

To move a file, following are the steps:

Step1: Navigate to the location of the file we want to move.

Step2: Select the file to be moved.

Step3: Right click on the selected file and click Cut option.

Step4: Navigate to the destination location where we want to move the file.

Step5: Right click at a blank spot and click Paste option.

The file will be moved to the new location.
