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1 CLASS → BSc. 3RD YEAR

SECTION → M8

1 SUBJECT → COMPUTER.

Q1 Write a short note on the following Terms

- (i) **Mouse :-** A mouse is a pointing device that controls the movement of the cursor or pointer on a display screen. A mouse is a small object that can roll along a hard, flat surface. Its name is derived from its shape and its connecting cable. As the mouse moves, the pointer on the display screen moves in the same direction. Mouse contain buttons that may have different functions depending upon what program is running. Normally number of buttons may vary from one to three but some mouse may have more than three buttons. Some mouse also includes a scroll wheel for scrolling through long documents. Two categories of mouse are very common: mechanical and optical.
- (ii) **VGA :-** (Video Graphics Array). VGA is an analog interface between a PC and monitor that was widely used prior to DVI, HDMI and Display Port. VGA was introduced on the IBM PS/2 in 1987, replacing the previous digital CGA and EGA interfaces, which had lower resolution and fewer colors. New LCD monitors may include a VGA port for legacy PC's and PC's may have a VGA port for legacy monitors. See DVI, HDMI and Displayport. VGA debuted with 640 x 480 pixels and 16 or 256 colors. This is still the mode PC's boot into and it is also used in safe mode with the display driver disabled. In short time, non-IBM vendors boosted resolution and colors, calling them "super VGA".

Q2 Difference between DOS and window operating system.

Ans.	<u>DOS</u>	<u>WINDOW</u>
1>	Dos is single tasking o.s.	1> windows are multitasking o.s.
2>	It consumes low power	2> windows consume high power
3>	It consumes less memory in comparison of windows	3> It consumes more memory.
4>	DOS does not support networking	4> windows support networking
5>	DOS is complex in terms of using	5> It is simple for using
6>	DOS does not share time	6> Window can share time
7>	DOS is a command line o.s.	7> windows are the graphical o.s.
8>	DOS o.s. is less preferred than windows	8> windows are more preferred by the users in comparison of DOS
9>	There is only one window opened at a time of DOS	9> While in windows, multiple windows can be opened at a time
10>	DOS does not need any pointing devices.	10> windows uses various pointing devices such as light pen, mouse etc.

Q3 Write internal and external Dos command.

Internal commands :- These commands are part of the command.com, which is loaded into the memory of Dos at the time of booting. When you use these commands, Dos need not search them on secondary storage medium. Ex^m :- DIR, MD, CD etc.

External commands :- The other types of commands Dos can execute are external commands. These are not contained in command.com. Each external command is stored as a file in Dos directory. When you call an external command then it is first loaded into memory from disk and then executed. If any of these files is deleted accidentally or purposefully, you can not run that external commands. Ex^m :- XCOPY, CHKDSK, TREE etc.