Computer
Chapter No. 1
History of Computation

Q1. Who was Pascal?

Ans. A French mathematician, Blasé Pascal invented a mechanical calculating device "Pascaline" in 1642 AD.

Q2. Write a short note on Mechanical calculator

Ans. This calculating machine was capable of doing addition and subtraction only.

Q3. Write a short note on the services of Charles Babbage?

Ans. Charles Babbage is known as a "Father of Computer". In 1822, Babbage designed a machine called "Difference Engine".

Q4. Who was Howard Akin and what did he develop?

Ans. Howard Akin was professor of Harvard University. He introduced first Electro-mechanical computer in 1942. It could perform three types of operations addition, multiplication and subtraction.

Chapter No. 2
Inside the System Unit

Q1. Write a short note on the importance of a system unit?

Ans. System Unit is a box-shaped part of a computer. It gets output from input.

Q2. Write the names of three main parts of CPU, how does each of them support CPU?

Ans. There are three main parts of CPU:

CU: CU stands for Control Unit. It controls all the activities of a computer system.

ALU: ALU Stands for Arithmetic and Logic Unit. All arithmetic and logical operations are performed in this part of the CPU.

For example: addition, subtraction, multiplication and division.

MU: MU stands for Memory Unit. It is the temporary storage for data. It is commonly known as a register.

Q3. Write a note on the importance of Power Supply in a System Unit.

Ans. The power supply changes the electricity from the wall outlet into electricity, which is used by the computer.

Q4. Write a short note on the RAM?

Ans. RAM stands for Random Access Memory. It is a temporary memory of

computer. All programs are loaded into RAM.

Q5. **Why Hard Disk is useful than a floppy disk?**

Ans. Hard disk is useful than a Floppy Disk because Hard Disk stores data for a long time as compare to Floppy Disk.

Q6. **Write a note on the importance of CD ROM in a computer.**

Ans. A CD-ROM is able to read data and programs that are stored on CD-ROM disks. It can store a lot of information. A single CD can store more than 700 MBs of data. It is also able to hold many kinds of movies, cartoons music and animations.

Q7. **What is the use of Tape Drive in a computer?**

Ans. A tape drive is used to read and write data and information onto a tape cartridge.

Q8. **Why that I/O ports and cards are used in a computer?**

Ans. I/O ports are used to connect input and output devices to the system unit.

Note: Computer work given above will be done as it is on Computer school copy. (learn also)

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