

Computer Science  
Class 5  
Revision Worksheet

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(Answer Key)

Q1.

- a. Accuracy
- b. Multitasking
- c. Versatility
- d. Diligence

Q2.

- a. Operating system
- b. Application
- c. Device driver
- d. Binary language

Q3.

- a. A technology that enables a computer to think like human beings.
- b. Performing more than one task at the same time.
- c. A paper card that contains several punched holes to store information that can be easily accessed.
- d. The ability to perform different kinds of tasks.
- e. A practice of protecting data by saving duplicate copies of it.
- f. A language that uses only two digits, 0 and 1.
- g. A set of instructions telling a computer what to do.
- h. A process to detect and correct the problems that arise on a computer system.

Q4.

- a. Abacus
- b. Napier's Bones
- c. The Pascaline

- d. Tabulating machine
- e. System software
- f. Hardware or software
- g. Utility software
- h. Application software

Q5.

- a. The Abacus was developed by the Chinese. It was used by merchants to perform basic calculations such as addition, subtraction, multiplication and division.
- b. The four components of an Analytical engine are: the mill, store, reader and printer.
- c. Alan Turing was an English computer scientist and mathematician. He invented the Turing machine that can be considered a model of a general-purpose computer.
- d. The two functions of system software are:
  - (i) it helps to run other software on a computer.
  - (ii) it manages various hardware devices and helps in communication among them.
- e. A device driver is a software used to control and manage an external device. It takes commands from the operating system and passes them on to the external device. E.g. are printer, speakers and hard disk drives.
- f. A Disk Defragmenter is used to move the fragments of a file to one location of the computer. This helps to increase the processing speed.

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