



INDIAN SCHOOL AL WADI AL KABIR

Class: IX	DEPARTMENT OF COMPUTER SCIENCE	Date of submission:
Topic: Functional Components of Computer and IPO cycle		Worksheet1 Answer Key

SECTION- A

Fill in the blanks :

1. Primary memory is the other name of main memory.
2. ALU stands for Arithmetic Logic Unit
3. The devices you use to enter data into a computer system are known as input devices.
4. Secondary memory devices are also known as Storage devices
5. CPU is the control centre for computer
6. The binary language consists of two digits: 0 and 1
7. Windows and Linux are the examples of some commonly used Operating System
8. mouse is a pointing device.

MCQ

- 1) A CPU contains
- a. a card reader and a printing device
 - b. an analytical engine and a control unit
 - c. a control unit and an arithmetic logic unit
 - d. an arithmetic logic unit and a card reader

Answer :c

2) Who is the father of Computer?

- a. Allen Turing
- b. Charles Babbage
- c. Simur Cray
- d. Augusta Adaming

Answer :b

3) You organize files by storing them in

- a. archives
- b. folders
- c. indexes
- d. lists

Answer :b

4) Which device is required for the Internet connection?

- a. Joystick
- b. Modem
- c. CD Drive
- d. NIC Card

Answer :b

5) CD-ROM stands for

- a. Compactable Read Only Memory
- b. Compact Data Read Only Memory
- c. Compactable Disk Read Only Memory
- d. Compact Disk Read Only Memory

Answer :d

Answer the following Question

1. What are the functional components of a computer?

The functional components of a computer are Input devices, Output devices, Central Processing unit and Memory.

2. What are the components of CPU ? What is the function of control unit of CPU?

Components of CPU are Arithmetic Logic Unit and Control Unit. The CU controls and guides the interpretation, flow and manipulation of data and information. Another important function of CU is the program execution carrying out all the instructions stored in the program

3. What role does the input/output devices play in a computer?

An input device is any hardware component used to enter data, programs, commands and user responses into a computer. The output coming from the CPU is in the form of electronic binary signals which needs conversion in some form which can be easily understood by human beings i.e., characters, graphical or audio visual. The function of conversion is performed by output units

4. Expand the following

a) A) VDU-Visual Display Unit b) CD-ROM –Compact Disk- Read Only Memory c) DVD-Digital Video Disk

5. Differentiate Hardware and Software

Hardware represents the physical and tangible components of the computer i.e., the components that can be seen and touched. Software represents the set of programs that govern the operation of computer system and make the hardware run.

6. What is the function of memory?

Computer memory temporarily keeps information and data to facilitate its performance. When the task is performed, it clears its memory and memory space is available for the next task to be performed.