

1\Clock speed is the rate at which a computer?

A computer executes a task

2\Which of the following is operations are performed by the ALU?

Data manipulation

Exponential

Square- root

3\To process an instructions , the CPU go through three main steps before storing the rousers of the operation , what are the three steps?

Fetch

Decode

Execute

4\A bus can carry types of signals ?

Control signals

Addressing signals

Program instruction signals

5\How graphics are represented by the computer?

Bitmap

6\Computers work best with digital signals primarily because?

-Digital signals are easier to work with .

-Digital signals are easier to correct in case of errors .

-Digital signals can be compressed.

7\The device which is used to physically connect a peripheral to a bus is called?

Interface

8\A protocol which enables secure communication over the world wide web is called?

HTTPS

9\What does the computer bus line consists of?

Set of parallel conducting lines

10\The small high speed storage areas with in the processor are known as?

Cache

11\The CPU fetches instructions from memory based on the value of ?

Program counter registers

12\The function of the control unit in the CPU is?

It decodes program instructions.

13\What does DRAM stands for?

DRAM stands for Dynamic Random Access Memory.

14\ is considered a peripheral device?

Keyboard

Trackpad

Monitor

15\The fastest computer memory is?

Register

Slowest?

SSD

16/ what is a kilobytes?

1000 bytes

17/In a CPU which registers stores the decode instructions?

Instructions Register

18/the benefit of using boolean algebra to simplify equations ?

-make it easier to understand the logic of a circuits

-It could be used to net the number of required circuits

-It may reduce the number of required inputs.

19\ What connects the process and memory ?

Buses

20/What are the three parts of the VON name computer architecture?

Processor (CU & ALU)

Memory unit

Input and Output

21/ which of the following are special purposes registered?

IR- MAR - status register -PC - MDT

22\ registers keeps track of the instructions executed in a program stored in memory?

Program counter.