

$$3/b$$
. $(11000)_{2} = (101)_{2} - 7(2)_{2}$

$$\frac{101}{1000} \frac{100}{100}$$

$$\frac{-00}{100} \frac{100}{100}$$

$$\frac{000}{1000 - 7} \text{ Remainder}$$

$$\frac{000}{1000} = \frac{1000}{1000}$$

$$\frac{1000}{1000} = \frac{1000}{1000}$$

Answer to the question no: 1

The three main Components of a Standard

CPU are:

1 Memorus on Storage unit

control unit

ALU (Arithmetic Logic unit)

* Memorus on Storage unit

This unit can store instructions, data and intermediate nesults. This unit Spplies information to other units of Computer when needed. It is also known as internal Storage unit on the main memores (RAM), 9+3 Size affects Speed Power, and capability. Bimary memores and secondary memory are two types of memories in the computer. Functions of the memory unit are _

1 3+ Stories all the data and the & instructions required for

1 9+ Stories the final results of

Processing before these results are released output device. All inputs and outputs are transmitted

through the main memory.

Control unit This unit controls the operations of all parts of the computer but does not cause out any actual data Processing operations.

Functions of this unit are -1 9+ is responsible for controlling the transfer of data and instructions among other units of a computer. 1 8+ manages and coordinates all the units of the computer. 10 9+ obtains the instructions the memory interprets

them and directs the operation of the computer. 10 94 does not Process on Store data. ALU (Arithmetic Logic Unit) This unit Consists of two Subsections nameles. D Anishmetic Section D Logic section Arithmetic Section Function of this Section is to Perform with metic operations like addition Subtraction, multiplication, and division. all complex operations are done by making repetitive ouse of the above operations. Logic Section logic section is to Function of

Perform logic operations such as comparing. Selecting, matching and merging of data.

Answer to the ques no: 5.

The impacts and applications of computor in business and militaries

are:

uses of the business computer in business are following -

- (i) Advertising: with computer, advertising experts create art and graphics.
- Desible through the use of

computerised entalogues that provide access to product information and permit direct entry of orders the to be filled by a customers.

Militerry
uses of computer in military
are following

* Missile Control

& Smart heapons

* Military Communication

$$2/0.$$

$$A = (EBAB)_{16} \rightarrow (?)_{8}$$

$$E = B \qquad A \qquad B$$

$$001, 110 \qquad 101, 1 \qquad 10, 10 \qquad 1, 011$$

$$4 \qquad 4 \qquad 5 \qquad 6 \qquad 5 \qquad 3$$

$$A = (EBAB)_{16} \rightarrow (165653)_{8}$$

$$A = (32.345)_{10} \rightarrow (?)_{100}$$

$$2 \frac{12}{16-0} = 2 \frac{12}{100} = 2 \frac{1000}{2} = 2$$

THAFFFFFFFFFFFFFFFFFFF

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1