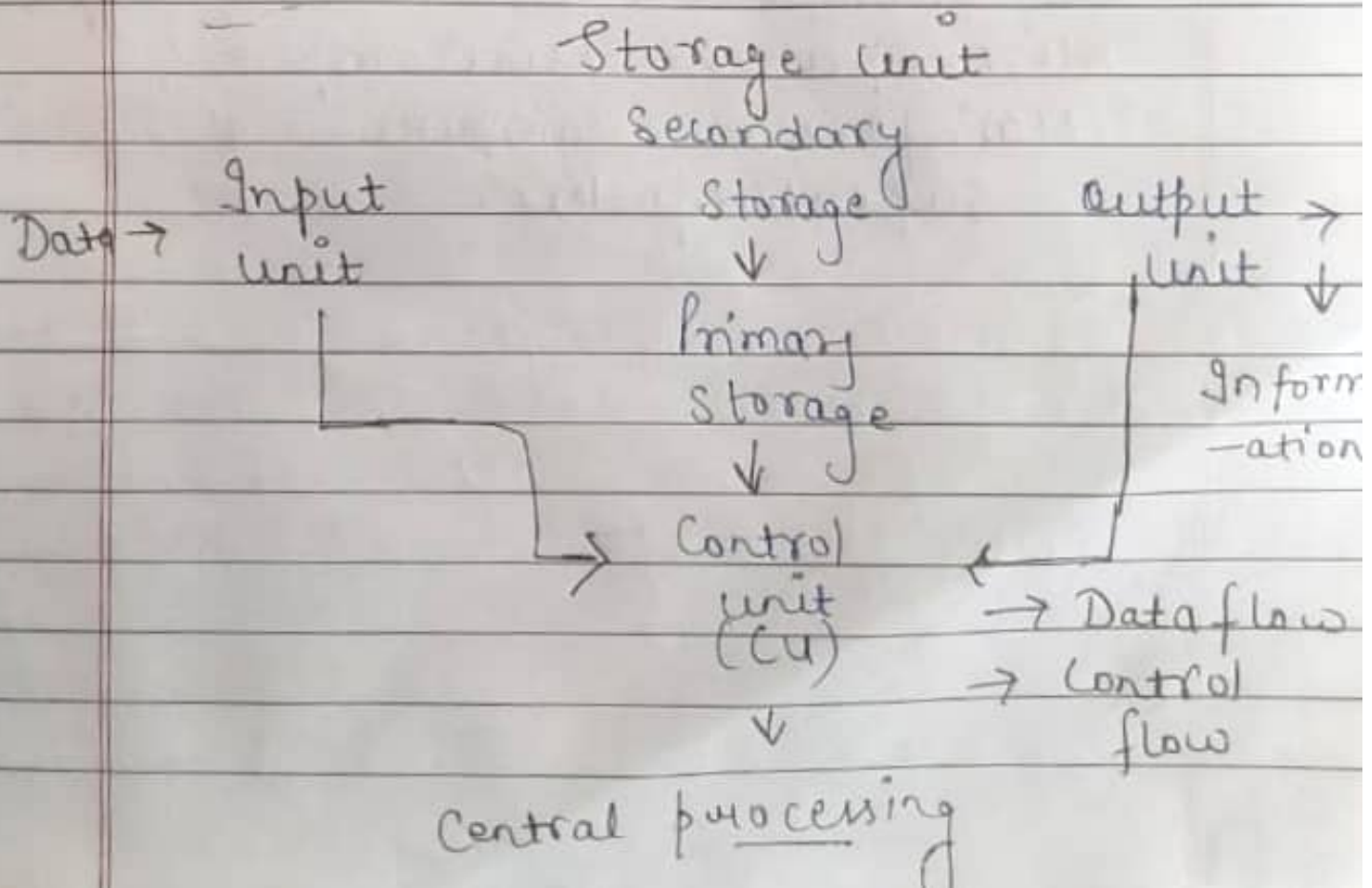


CCA-101: fundamentals of IT & programming

Assignment-1

Ques. what are the four fundamental parts of Computer? Explain it with the help of diagram?

- Ans-
- 1 CPU
 - 2 Main Memory
 - 3 I/O devices
 - 4 System interconnection



Ques) Discuss about the classification of computers based on Size & Capacity?

Ans- Size- There are four types in the classification of the computer by size - supercomputer, - ex, mainframe computer, minicomputer, & micro computer.

Capacity - The processing speed of computer. Depending upon the components used they are classified into four groups, microcomputer, minicomputer, mainframe computer & supercomputer.

Ques 3 what is the meaning of computer generation? how many computer generations are defined? what technologies were / are used?

Ans Initially, the generation term was used to distinguish between varying hardware technologies. Now a days, generation include both hardware & software, which together make up an entire computer system. There are five computer generations known till date.

(Ques) Differentiate between Volatile & Non-Volatile memories?

Ans. * Volatile - Volatile memory is temporary storage that only retains data for a short period of time, typically until the power is turned off.

* Non-Volatile - Non-Volatile memory is permanent storage that

retains data even when the power is turned off.

Ques) Distinguish among System Software, application Software & open Source software on the basis of the features?

Ans- Application Software: Application Software is that software which is made to fulfill specific task of the user like MS word program.

System Software: System Software is a program design to a computer hardware & the application & manage its resources.

Utility: Utility Software types System Software whose Types to Computer Hardware -

opensource Software: opensource Software whose Source code to open to all free the code of open sources.

(que 6) a) Create a file in MS-Word to insert a paragraph about yourself & save it with file name "yourself". Describe all steps involved in it.

* Create a document in MS Word & how do you save it

- 1) To open Microsoft Word, click on the word icon ("W") on the toolbar on desktop.
- 2) An open (and blank) word document will open on the screen.
- 3) Enter Document Data
- 4) When document is finished, click on "file" on the standard toolbar at the top of screen.
- 5) click on "Save as"

(que 6) b) write steps regarding followings

* To change the font Style.

- 1 click format > Text Styles.
- 2 In the Item to change list, click all, then Select the font Size, or Colour you want for all text in the current view.
- 3 Repeat this process for other views.

* To change the font Size.

- 1 Select the text or cells with text you want to change. To select all text in a word document, press $\text{Ctrl} + \text{A}$.
- 2 on the Home tab, click the font Size in the font Size box.

* To change the font colour

on the Home tab, in the font group, choose the Arrow

next to Font Color & then select a color

* ¹⁰ Q9) Create a file in MS-Word to insert a table in the document. Describe all steps involved in it.

Ans- select Insert > Table > Insert Table- select the number of columns & rows- auto fit behaviour, & then select ok.

Q12) The Sum of the marks using auto Sum in a range of cells.

* Select to a cell next to the numbers you want to sum, click auto Sum on the home tab, press enter.

* average of the marks in a range of cells - (C2:C11)

* Returns an average of values from a selected range.

* Highest Marks in a range of cells (C2:C11)

In a cell, type = MAX

13) Describe the following terms in the worksheet

* absolute reference and relative reference in formula cell address.

Ans- Relative references change when a formula is copied to another cell. absolute references, on the other hand, remain constant no matter where they are copied -

Q14) what tools are available to customize our power point presentation?

Ans- Smart art tools, chart tools, table tools & video tools -

Q15) write steps for creation of a set of power point slides that demonstrates your skill to use the tools of power point.

* Title Slide & Bullet list

A series of item with a heading broken up by dotted point.

* Inserting excel sheet

On the Home tab, in the cell group, click Insert, & then click Insert Sheet.

* Clip art & text

click the insert tab > from the group click clip art-A.

Q16) what is the different between Machine language & High level language?

Ans: High-level code is designed to be read by human programmers.
Machine code is to be read / executed by the computer.

Q7) Discuss about different data types of C programming language.

Ans: C provides several built-in data types such as integer (int), character, floating-point (float), & double-precision floating-point.

Q10) find the output of the following expression.

a) $x = 20 / 5 * 2 + 30 - 5$

19. Describe the Syntax of the following Statement

a) If - else Statement
 If (test - expression) True block
 of Statement Else (false
 block of Statements.

b) for loop
 (initial (Increment) (limit))

c) while loop
 while (Condition // code to be
 executed)

d) do - while loop
 Do (// the body of the loop)
 while (test expression).