CCA-101: FUNDAMENTALS OF IT &PROGRAMING
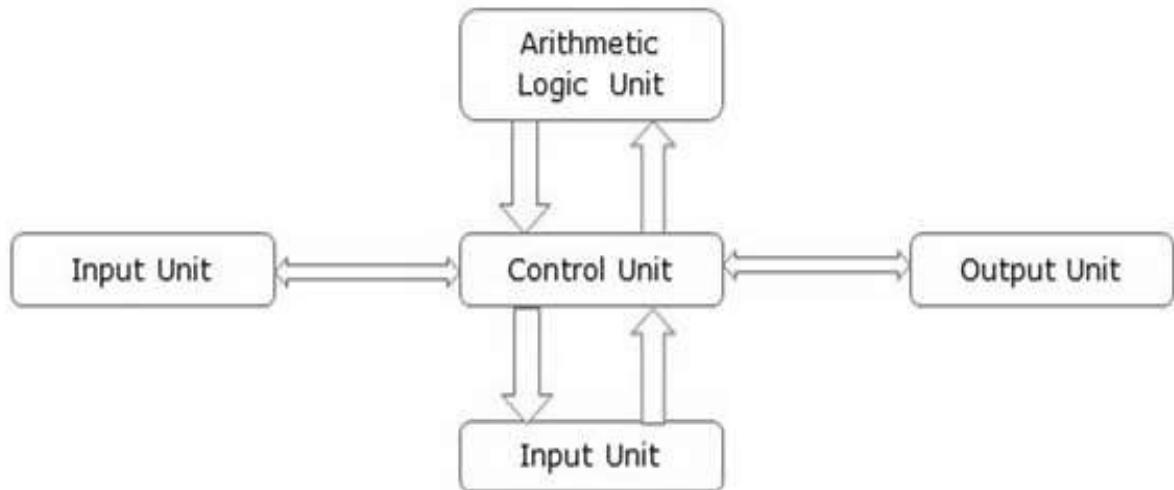
ASSIGNMENT-1

1. What are the four fundamental part of computer? Explain it with the help of diagram.

2. Discuss About The Classification Of Computer Based On size And Capacity.

FEATURES	MICROCOMPUTER	MINICOMPUTER
PRIMARY MEMORY	SMALL MEMORY	LARGER MEMORY
WORD LENGTH	SMALL WORD LENGTH	LARGER WORD LENGTH
COST LOW	LOW	HIGH

3. What Is The Meaning Of Computer Generation? How Many Computer Generation Are Defined? What Technologies Were/Are Used?

GENERATIONS OF COMPUTER
MEANING:

What do you mean by the generation of computers?

Generation in computer terminology is **a change in technology a computer is**/was being used. Initially, the generation term was used to distinguish between varying hardware technologies.

Generation	Period	Technology used
1st Generation	1946-1956	**Vacuum Tubes**
2nd Generation	1956-1965	**Transistors**
3rd Generation	1965-1971	**Integrated circuits**
4th Generation	1971-1980	**Microprocessors**
5th Generation	1980-present	**AI & ULSI**

4. Differentiate Between Volatile & Non Volatile Memories?

- ➢ volatile memory is computer storage that only maintains OTS data while the device is powered volatile memory contrast with non-volatile memory which does not lose content when power is lost non-volatile does not need to have its memory content periodically refreshed

5. Distinguish among system Software Application Software And Open Source Software Basis Feature?

- Open source s software (OSS) refers to source code that is available for use and distribution with the original right as defined by the open source inactive (OSI)such software is generally distributed under a general public license (GPL) or software distribution license

6. Creating file in Ms - Word insert a paragraph about "yourself ".Describe all steps involved in it?

- My name Is Dheena P
- I am 22 years old.
- I am from Trichy.

7. MS WORD APPLICATION SOFTWARE AND WHICH IS CAPLE?

- creating,
- editing,
- saving, and
- printing any type of document

8. Create a file in MS-word for the following document and save it with file name" Equations". Describe all the steps involved in it?

$XX_{22}+YY_5=30$

$ZZ_3+QQ_4=50$

$AA_{2+BB8}=XX_{2+YY8}$

9. Create a file in Ms -Word convert existing Highlight text to table save it as file Name "Text _To _Table" .describe all steps involved in it?

Select the text you want to convert.	Select the insert tab.
Click on table commend. a dialog box appears.	click on convert on text to table , a new dialog box appears
Here set number of columns.	click on ok finally selected text convert in a table

10. Crate a file in MS-Word to insert a table in the document .Describe all steps involved in it?

EXCEL FORMULA TABLE

• THE AUTOSUM EXCEL FUNCTION CAN BE ACCESSED BY TYPING ALT = THE = SIGN IN A SPREADSHEET ,AND IT WILL	• AUTOMATICALLY CREATE A FORMULA TO SUM ALL THE NUMBERS IN A COTINUOS RANGE	• AVERAGE RANGE THIS ARGUMENT CONSISTS OF THE RANGE OF CELLS THE CONTAIN NUMBERS YOU WANT TO AVERAGE . IT IS THE OPTION.
• THE FAESTES WAAY TO BULID A MAX FORMULA THAT THE HIGHEST	• THE FAESTES WAAY TO BULID A MAX FORMULA THAT THE HIGHEST	• THE FAESTES WAAY TO BULID A MAX FORMULA THAT THE HIGHEST
☐ THE FAESTES WAAY TO BULID A MAX FORMULA THAT THE	• THE FAESTES WAAY TO BULID A MAX FORMULA THAT THE HIGHEST	• THE FAESTES WAAY TO BULID A MAX FORMULA THAT THE HIGHEST

HIGHEST		

11.

	A	B	C
1	ROLL NO	Name	Marks
2	1	N1	60
3	2	N2	70
4	3	N3	80
5	4	N4	90
6	5	N5	40
7	6	N6	50
8	7	N7	77
9	8	N8	44
10	9	N9	88
11	10	N10	55

A	B	C
S.No	NAME	MARKS
1	N1	60
2	N2	70
3	N3	80
4	N4	90
5	N5	40
6	N6	50
7	N7	77
8	N8	44
9	N9	88
10	N10	55
	TOTAL	654
	AVERAGE	65.4
	MAX	90
	MIN	40

13. (a) Describe various steps involved in the following

- To modify column width of a worksheet.

  To change the width of a single column drag the right border of the column is set to the to the multiple columns select the column of inters and dreg the border of any column heading.

- To modify column width of a height worksheet.

  1. Adjust it by hand.
  2. Adjust it by ribbon menu item.
  3. Adjust it by popup menu item.

- To delete rows and columns of a worksheet.

  Select entire row or column shift space is the keyboard shortcut to select an entire row ctrl+space is the key board short cut to select an entire column.

13. (b) Describe following term in the worksheet

- Absolute reference and relative reference in formula

- When you copy the formula and paste it in cell even then excel will follow the same steps for locating the second cell mentioned in the formula.

- **Cell address**

- The address function created a cell address from a give row and column number

➢ The syntax of the address function is address (row, num, column,)

Anna University Engineering &Technology

Siruganur (Trichy)

Name:

Ruba Sri

MY DAY DREAM OF MY LIFE

MY EVERY DAY MY AIM OF POLICE

MY LOVE OF GAME IN VOLLEYEBAL

MY GARDIAN ANGLE OF MY DAD AND MY GOD

MY DREAM MAKE TO EVERYDAY……

Q14. a) What tools are available to customize our PowerPoint presentation?

- The silver light pivot viewer is yet another tool frequently used by power point presentation designers .It is especially useful if there are huge amounts of data that need to be captured in the power point sliders as you know presenting large amount of information in a table format is not user friendly or attractive .

MY PROFILE

NAME: P .DHEENA

AGE: 22

PLACE: TRICHY

NAME	TAMIL	ENGLISH	MATHS	SCIENCE	SOCIAL
ARUN	75	84	58	79	74
MANI	78	68	69	58	86
JANA	85	45	55	66	45
GURU	85	96	78	87	88
KAVI	52	55	45	56	65

MY AMMA
MY GURDIAN ANGLE IN THE WORLD
MY GOD GOOD PERSON IN THEWORLD

THANK YOU

MACHINE LANGUAGE	HIGH LEVEL LANGUAGE
machine language is the actual language in which a programme is stored in memory in a binary or coded format what is assembly machine language is the language is the language understand but it is the only thing that the computer can work with	In computer science a high level programming language is a programming language with strong abstraction from the details of the computer. It essay to understand it is simple debug high level language is less memory efficiently..

17. **Discuss about different data type of c programming language?**

- Language supports 2 different type of data type primary data type these are fundamental data types in c namely integer floating point.

- Character and void derived data types derived data types are nothing but primary data types but.

- Little twisted or grouped together like of the memory array.

  ➢ INTEGER
  ➢ CHARACTER
  ➢ FLOW
  ➢ VOID
  ➢ BOOLEAN

18. Find the output of the following expression?

A) X=20/5*2+30-5

➢ 4*2+30-5

➢ 8+30-5

➢ 38-5

➢ 33

B) Y=30-(40/10+6) +10

➢ 30-10+10

➢ 30-20

➢ 10

C) Z=40*2/10-2+10

➢ 80/10-2+10

➢ 8-2+10

➢ 6+10

➢ 16

19. Syntax of the following statement?

If-else statement

If(Boolean-expression){/*statement(s)will execute if the Boolean expressionism true*/}else{statement(s)will execute if the Boolean expression is false*/}

For loop

For (init; condition; increment){statement(s);
}

Do-while loop

Do { statement(s);}while(condition);

20. Find the output of the following program segments?

A) OUTPUT

IMSGHAZIABAD 0

IMSGHAZIABAD 1

B)

IMSGHAZIABAD 0

IMSGHAZIABAD 1

C)

LARGE NUMBER IS 100