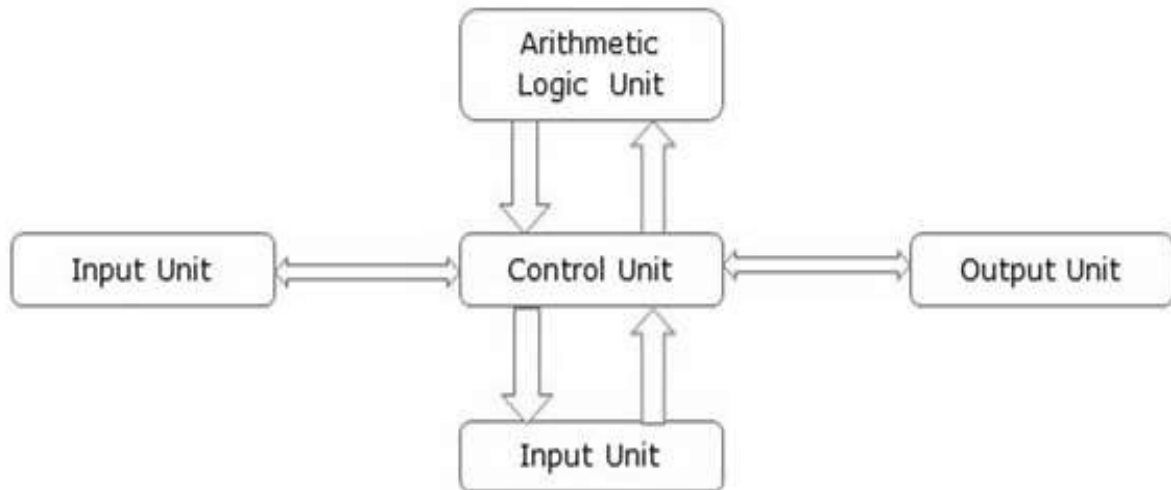


CCA-101: FUNDAMENTALS OF IT & PROGRAMING

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
1 st Generation	1946-1956	Vacuum Tubes
2 nd Generation	1956-1965	Transistors
3 rd Generation	1965-1971	Integrated circuits
4 th Generation	1971-1980	Microprocessors
5 th 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		
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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:

P. Dheena



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

A large, horizontally-oriented oval with a solid orange fill and a thin white border. The text "THANK YOU" is centered within the oval in a white, serif, all-caps font.

THANK YOU

<i>MACHINE LANGUAGE</i>	<i>HIGH LEVEL LANGUAGE</i>
<p>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</p>	<p>In computer science a high level programming language is a programming language with strong abstraction from the details of the computer. It is easy to understand it is simple to debug high level language is less memory efficiently..</p>

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