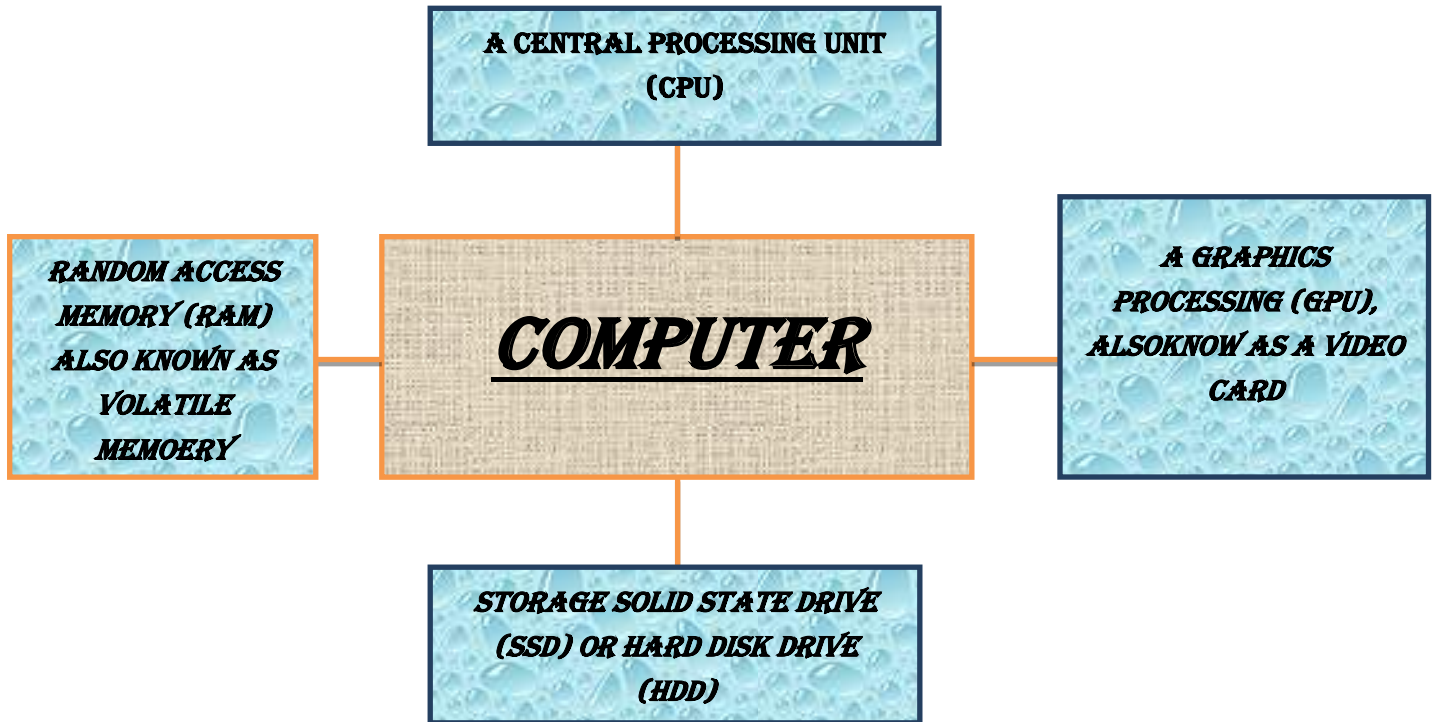


CCA-101: FUNDAMENTALS OF IT & PROGRAMING

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
PROCESSOR	LOW	HIGH

3. WHAT IS THE MEANING OF COMPUTER GENERATION? HOW MANY COMPUTER GENERATIONS ARE DEFINED? WHAT TECHNOLOGIES?

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 AND NON VOLAILE MEMOREY?

- **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. System software application software and open source software basis feature?

- ❖ Open source software (OSS) refers to source code that is available for use and distribution with the original right as defined by the open source initiative (OSI) such software is generally distributed under a GNU General Public License (GPL) or software distribution license*

6. Creating file in Ms Word insert paragraph about yourself?

- My name Is Priya R
- 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. Equations describe all the steps involved in it?

$$X_2 + Y_5 = 30$$

$$Z^3 + Q^4 = 50$$

$$A_{2+B^8} = X_{2+Y^8}$$

**9. CREATE A FILE IN MS WORD CONVERT EXISTING HIGHLIGHT TEXT TO TABLE
SAVE AT A BOX FILE NAME TEXT TO TABLE?**

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 ME WORD TO INSERT A TABLE IN THE DOCUMENT DESCRIBE ALL STPES INVOLED IN IT?

EXCEL FORMULA TABLE

<ul style="list-style-type: none"> • THE AUTOSUM EXCEL FUNCTION CAN BE ACCESSED BY TYPING ALT = THE = SIGN IN A SPREADSHEET ,AND IT WILL 	<ul style="list-style-type: none"> • AUTOMATICALLY CREATE A FORMULA TO SUM ALL THE NUMBERS IN A COTINUOS RANGE 	<ul style="list-style-type: none"> • AVERAGE RANGE THIS ARGUMENT CONSISTS OF THE RANGE OF CELLS THE CONTAIN NUMBERS YOU WANT TO AVERAGE . IT IS THE OPTION.
<ul style="list-style-type: none"> • THE FAESTES WAAY TO BULID A MAX FORMULA THAT THE HIGHEST 	<ul style="list-style-type: none"> • THE FAESTES WAAY TO BULID A MAX FORMULA THAT THE HIGHEST 	<ul style="list-style-type: none"> • THE FAESTES WAAY TO BULID A MAX FORMULA THAT THE HIGHEST
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A	B	C
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

A	B	C
S.NO	NAME	MARKK
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
	MINIUM	40

13. To modify column width of a worksheet

- 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 in the.

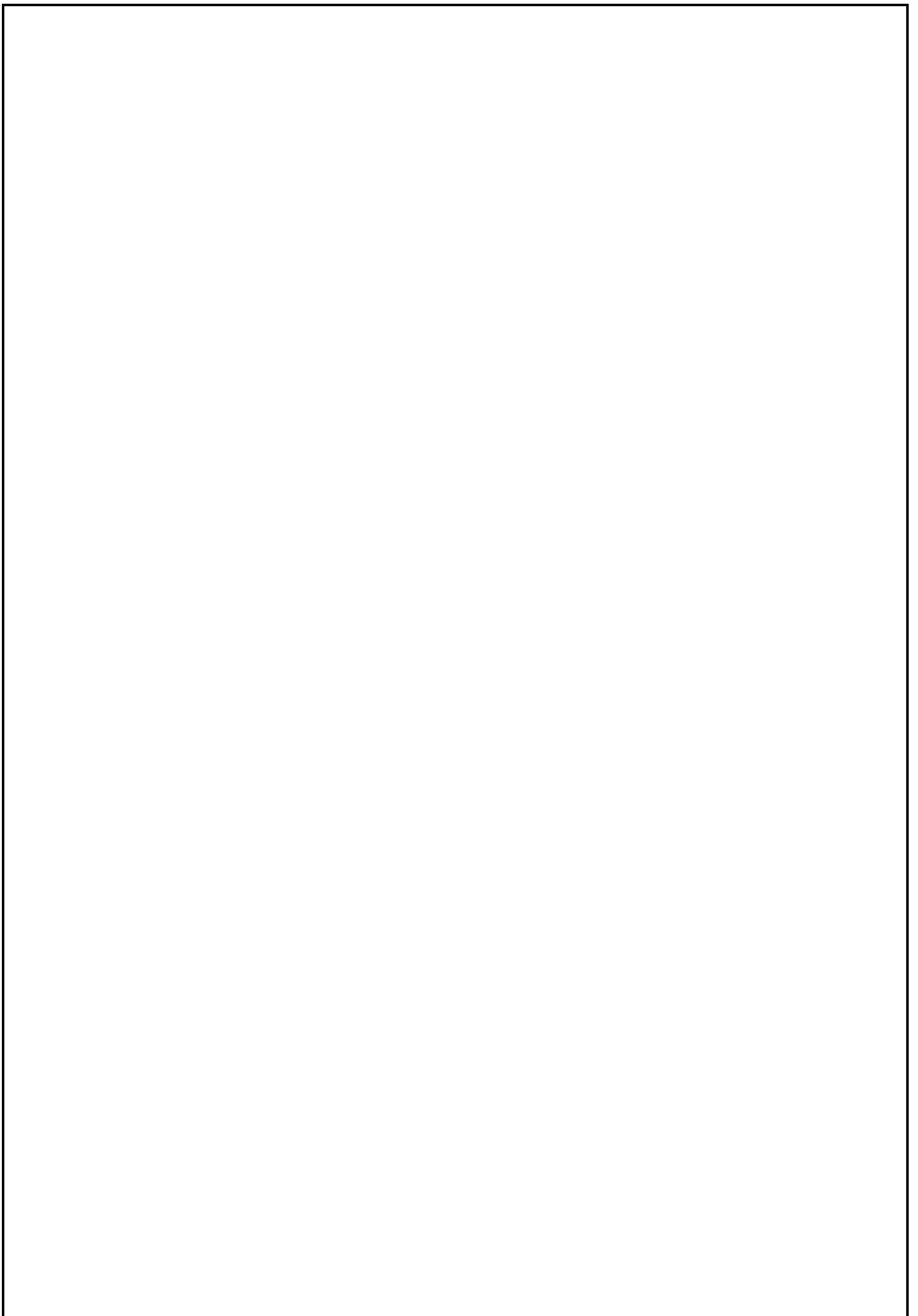
- To modify column width of a height worksheet.
 1. Adjust it by hand.
 2. Adjust it by ribbon menu item.
 3. Adjust it by popup menu item.
- To delete rows and columns of a worksheet.

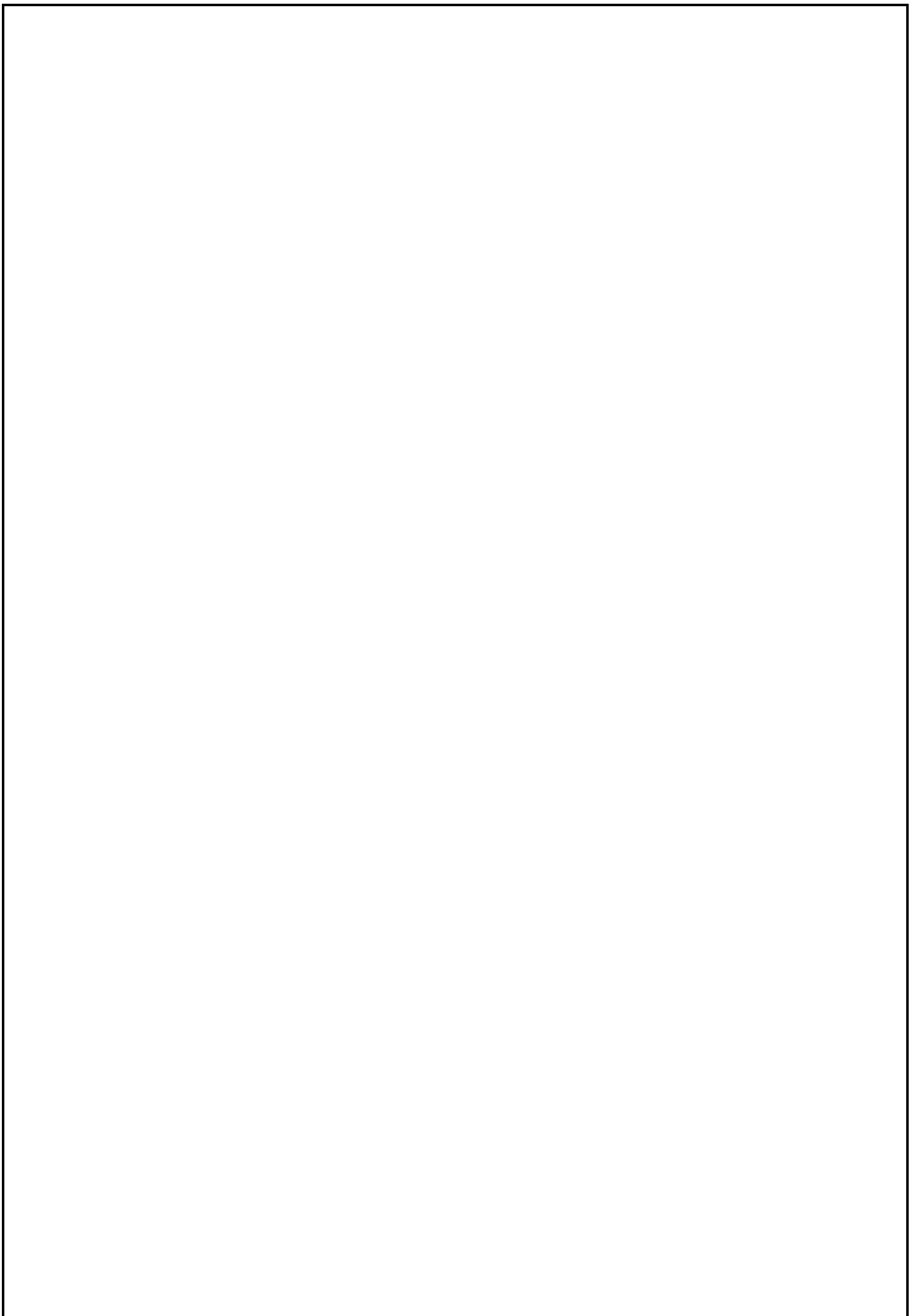
Select entire row or column shift space is the keyboard shortcut to select an entire row ctrl+space is the

key board short cut to select an entire column.

13. 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,)





ST. JOSPH'S COLLEGE
AUTNOMUS
TRICHY 02

FIREST NAME:

A.KARUNYA



MY DAY DREAM OF MY LIFE

MY EVERY DAY MY AIM OF TEACHER

MY LOVE OF GAME IN VOLLEYEBAL

MY GARDIAN ANGLE OF MY MOM AHD MY GOD

MY DRAM MAKE TO EVERYDAY..

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

- THE SILVERLIGHT PIVOTVIEWER IS YET ANOTHER TOOL FREQUENDLY USED BY POWER POINT PRESENTATION DESIGERS.IT IS ESPECIALLY USEFUL IF THERE ARE HUGS AMOUNTS OF DATA THAT NED TO BE CAPTUTRED IN THE POWERPOINT SLIDERS AS YOU KNOW PRESNTING LARGE AMOUNT OF INFORMATION IN A TABLE FORMAT IS NOT USER FRIENDLY OR ATTRACTIVE.



➤ MY PROFILE
NAME: Priya R
AGE:22
PLACE: Trichy

NAME	TAMIL	ENGLISH	MATHS	SCIENCE	SOCIAL
VINITH	65	68	55	77	56
EBI	56	78	88	76	66
RAVI	65	78	87	78	66
KAVI	56	76	88	90	98
MANI	54	87	76	67	56

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



THANK YOU

MACHINE 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.

HIGH LEVEL LANGUAGE

➤ 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 DEBUG HIGH LEVEL LANGUAGE IS LESS MEMORY EFFICIENT.

17. DISCUSS ABOUT DIFFERENT DATA TYPE OF C PROGRAMING 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) $X=20/5*2+30-5$

- $4*2+30-5$
- $5+30-5$
- $38-5$
- 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 expression is 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

IMS GHAZIABAD 0

IMS GHAZIABAD 1

B)

IMS GHAZIABAD 0

IMS GHAZIABAD 1

C)

LARGE NUMBER IS 100