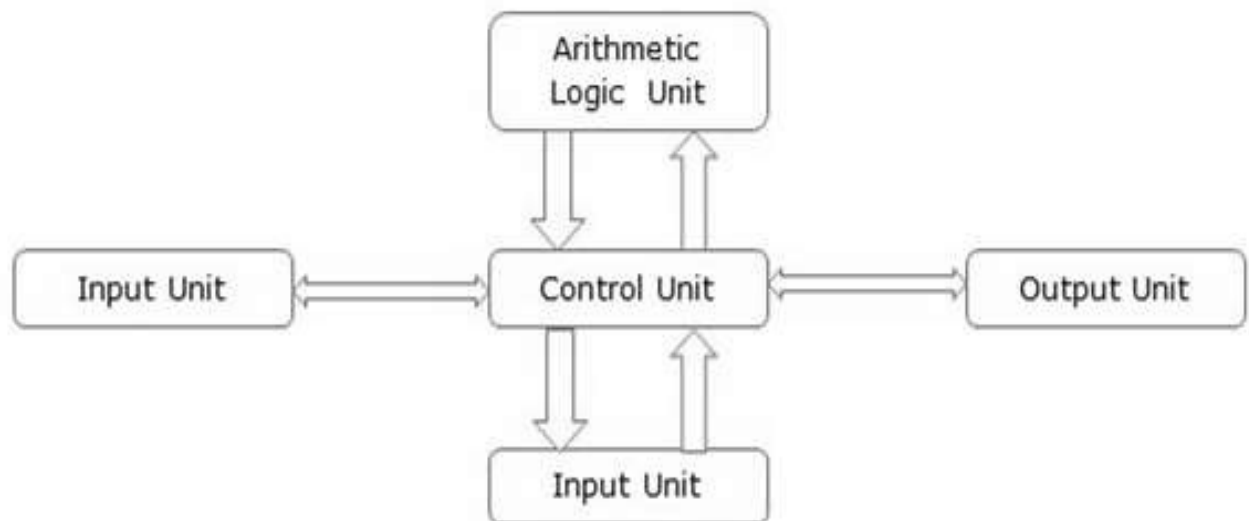


# **CCA-101: FUNDAMENTALS OF IT & PROGRAMING**

## **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 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.

| <b>Generation</b>                | <b>Period</b>       | <b>Technology used</b>     |
|----------------------------------|---------------------|----------------------------|
| <b>1<sup>st</sup> Generation</b> | <b>1946-1956</b>    | <b>Vacuum Tubes</b>        |
| <b>2<sup>nd</sup> Generation</b> | <b>1956-1965</b>    | <b>Transistors</b>         |
| <b>3<sup>rd</sup> Generation</b> | <b>1965-1971</b>    | <b>Integrated circuits</b> |
| <b>4<sup>th</sup> Generation</b> | <b>1971-1980</b>    | <b>Microprocessors</b>     |
| <b>5<sup>th</sup> Generation</b> | <b>1980-present</b> | <b>AI &amp; ULSI</b>       |

#### **4. DIFFERENTIATE BETWEEN VOLATILE AND NON VOLAILE MEMORY?**

- 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 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 gnu general public license (GPL) or software distribution license

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

- My name Is Kousalya P
- I am 25 years old.
- I am from Trichy.

## **7. MS WORD APPLICATION SOFTWARE AND WHICH IS CAPLE?**

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

## **8. Equations describe all the steps involved in it?**

$$XX_{22}+YY_5=30$$

$$ZZ_3+QQ_4=50$$

$$AA_{2+BB8}=XX_2+YY_8$$

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

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

## 10. CRATE A FILE IN ME WORD TO INSERT A TABLE IN THE DOCUMENT DESCRIBE ALL STPES INVOLDED IN IT?

### EXCEL FORMULA TABLE

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

| 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 | 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.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.

- 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,)

Bharathidasan university arts and science college  
Navalurkuttapatdu(Trichy)

Name:

P. Kousalya



# **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 silverlightpivotviewer 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 powerpoint slides as you know presenting large amount of information in a table format is not user friendly or attractive .

# MY PROFILE

NAME: J.STALIN

AGE: 22

PLACE: TRICHY

| NAME | TAMIL | ENGLISH | MATHS | SCIENCE | SOCIAL |
|------|-------|---------|-------|---------|--------|
| ANU  | 75    | 84      | 58    | 79      | 74     |
| MANU | 78    | 68      | 69    | 58      | 86     |
| JESI | 85    | 45      | 55    | 66      | 45     |
| KARU | 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

| <b><i>MACHINE<br/>LANGUAGE</i></b>                                                                                                                                                                                                               | <b><i>HIGH      LEVEL<br/>LANGUAGE</i></b>                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| machine language is the actual language in which a program 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 is easy to understand it is simple to 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**