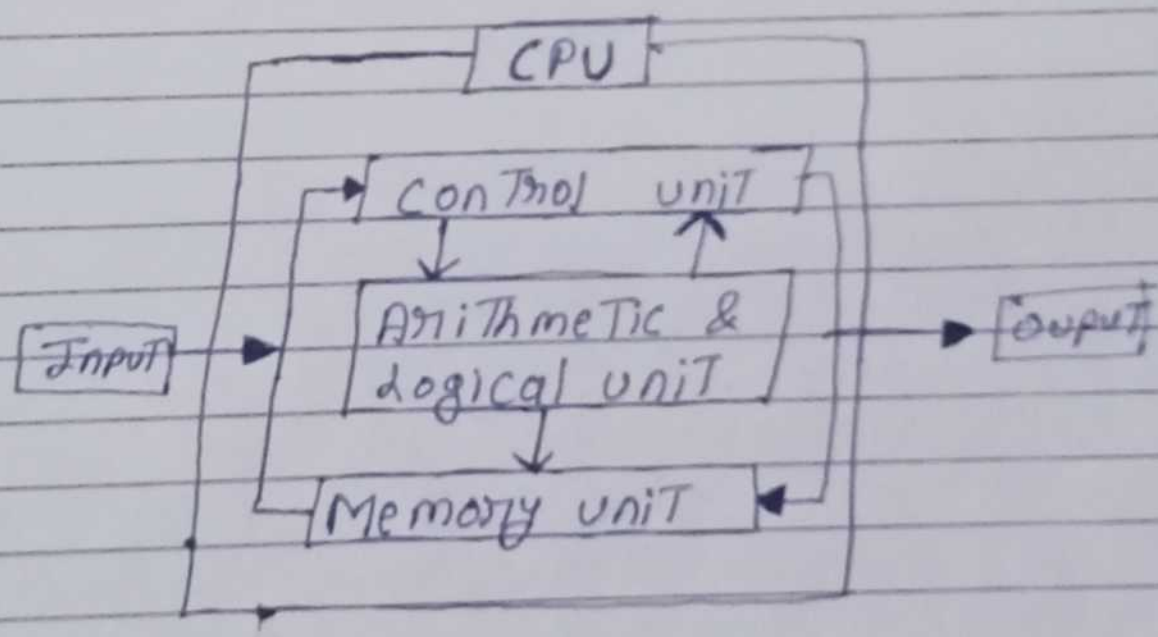


CCA-101: Fundamentals of IT & ProgrammingAssignment-1

Q1 What are the four fundamental part of the Computer? Explain it with the help of diagram

Ans A Computer as a ~~four~~ four main components. The central processing unit or CPU. The primary Memory input units and output units. A system bus connects all four components, passing and relaying information among them.



Block Diagram of Computer

Q2 Discuss About The classification of Computer based on size and Capacity.

Ans There are Five Main Kinds of Computer on Size :

PC (Personal Computer), Mini Computer, Micro-Computer, Super Computers and Mainframe. Additionally, There are Three different kinds of Computers based on Their Capacity To Manage data: A Computer can be digital hybrid or analog.

Q3 What is The meaning of Computer generation? How Many Computer Generation are defined? What Technologies were/are used?

Ans Initially, the generation Term was used To distinguish between various hardware Technologies Nowadays generation includes both hardware and Software, which Together make up an entire Computer System. There are five Computer generation know Till date.

Q4 Different Between volatile and Non-volatile Memories?

Ans In a volatile Memory, the process can both read and write. It means that the process would have direct access to the data and information within it.

• In a Non-volatile Memory, the process can only read. It means that the processor won't have direct access to the data and information within.

Q5 Distinguish among System Software, application Software and open source Software on the basis of their features.

Ans A system software act as an interface between the system and the application Software. The various Operating Systems are the best example as it allows the user to download and work with various Applications on their device. On the other hand, Application software is designed for users.

Q6 Create a file in Ms-Word To insert a paragraph about yourself and save it with file name "yourself". Describe all steps involved in it.

Ans Steps To Create document in MS-word
MS. Word:-

Step 1:- Open Ms-Word on your System

Step 2:- Click on The ^{New} file when you open The word file when The dialog box appear.

Step 3:- Once This click on Black doc under The recent section, it will get in bold or highlighted by default.

Step 4:- Click on The Create A New black doc will open.

Step 5:- Once it is opened you can write Anything you want in The doc for yourself.

Step 6:- you can also edit The TEXT you have written as you can change The background color, or The TEXT and many

Other Things in The docs.

86. b) Write Steps regarding the Following:
Ans. Change The font Style :-

1) Click Format > Text Styles.

2) In The Term To Change list, click All, Then select The font, size, or color you want for all text in the current view....

3) Repeat This process for those views.

> Change Display Size & Text :-

1) On your device, Open The settings app.

2) Search and select Font Size.

3) To change your preferred font size, Move The slider left or right.

> On The Home Tab, in The Font group, Choose The arrow next To Font color, and Then select a color. you can also use The formatting options on The Mini Toolbar To quickly format text.

➤ To highlight (in yellow) the line that needs "need to get IMS's address".

1) Select the text that you want to highlight.

2) On the Home Tab, select the ~~and~~ arrow next to Text Highlight Colour.

3) Choose yellow colour. The text you selected will be highlighted in the colour you chose.

Q7> What is the difference between Machine Language and High Level Language?

Ans. Both Machine Code and assembly language are hardware specific and not portable. This means that the Machine Code used to run a program on one specific computer needs to be modified to run on another computer. Portable code in a high-level language can run on multiple computer systems without modification.

Q8> Create a file in MS-Word to insert a table in the document. Describe all steps involved in it.

Equations

$$X_2 + Y_5 = 30$$

$$2^3 + 8^4 = 50$$

$$A_2 + B_8 = x_2 + y_8$$

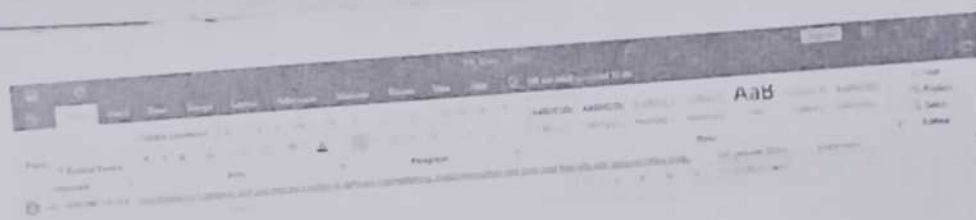
Ans

— select the Text on the letters

— And, click on Subscript on
super script to make the Text
the letters subscript on
Super - script.

Q9 Create a file in MS Word for the following document and save it with file name 'ms.word'. Describe all steps involved in it.

Ans



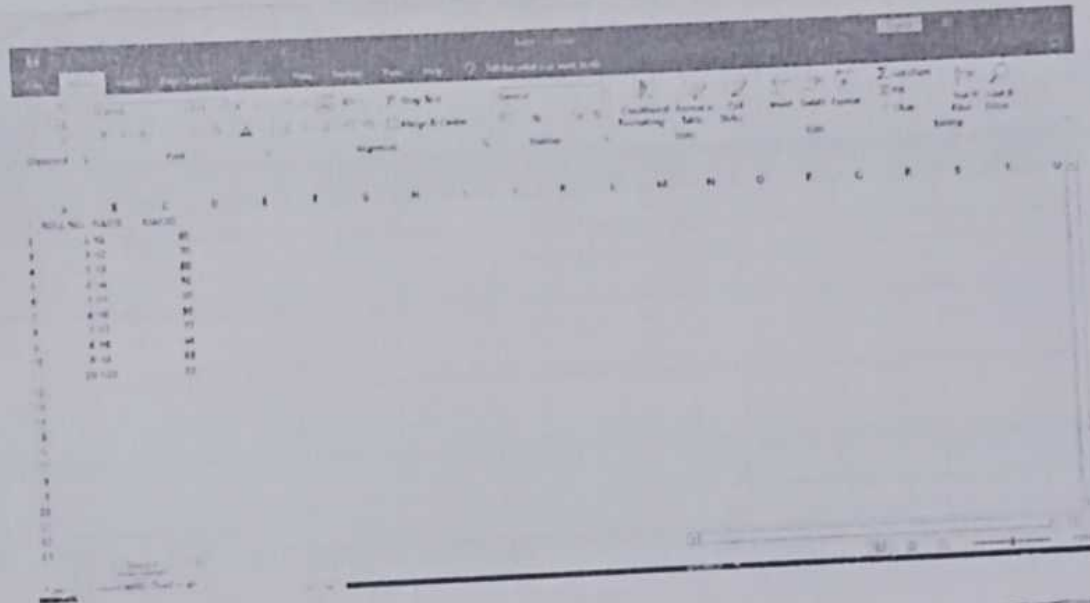
MS Word

MS Word is widely used commercial word processing developed by Microsoft. MS Word is application software which is capable of

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

Q10 Create a following Worksheet is MS-excel and save it with name 'book1'.

ANS



The screenshot shows an MS Excel worksheet with the following data:

	A	B	C
	Roll No.	Marks	Marks
1	101	85	
2	102	70	
3	103	80	
4	104	75	
5	105	80	
6	106	70	
7	107	85	
8	108	75	
9	109	80	
10	110	75	

QCA-201: Fundamentals of ~~IT~~

Q1> Discuss about different data types of C programming language.

Ans The basic data types are also known as the primary data types in C programming...

Types of Data Types in C

Data Type	Example of Data Type
① Basic Data Type	Floating-point, integer, double, Character Test.
② Derived Data Type	Union, Structure, array etc.
③ Enumerated Data Type	Enums
④ void Data Type	Empty Value

Q11> Create a file in MS. Word for the following document and save it with it with file name 'equations'. Describe all steps involved in it

Equations

$$x_2 + y_5 = 30$$

$$z_3 + 84 = 50$$

$$A_2 + 8^8 = x_2 + y^8$$

Q. 12. Describe The SyNTax of The following STaTement?

Ans

1> If-else STaTements

The SyNTax of The if STaTement in C programming is:

```
if (Text expression)
{
    // Code
}
```

2> For loop

→ The SyNTax of The for Loop is :

```
For (Initialization STaTement;
    Text expression; Update STaTement)
{
    // STaTement inside The body of Loop
}
```

Q. 139) What Tools are available To customize our powerpoint presentation?

Ans

→ 18 best Tools are available To customize our PPT are :-

- Tool # 1: Templates and Themes
- Tool # 2: Slide layouts
- Tool # 3: Fonts
- Tool # 4: Colour Themes
- Tool # 5: Icons
- Tool # 6: Shapes
- Tool # 7: Stock photos
- Tool # 8: charts and Graphs
- Tool # 9: Maps
- Tool # 10: Tables
- Tool # 11: Flowcharts
- Tool # 12: Icon charts
- Tool # 13: Radials
- Tool # 14: Progress Bars
- Tool # 15: Animation
- Tool # 16: Transitions
- Tool # 17: Interactivity
- Tool # 18: Audio and video

Q13 b) Write the steps for the following action for creation of powerpoint presentation?

Ans Step for Create a PPT:-

A) Create a Presentation.

1. Open powerpoint.

2. In the left pane, select New.

3. Select an option.

- To Create a presentation from scratch select Blank presentation.

- To use a prepared design, select one of the templates.

- To see tips for using powerpoint select Take a Tour, and then select create.

3) While loop

→ The syntax of The while loop is:

```
while (Test Expression) {  
    // The body of The Loop  
}
```

4) do... While loop

→ The do...while loop is similar to The while loop with one important difference. The body of do...while loop is executed at least once. only then, The Test expression is evaluated.

The syntax of The do...while loop is:

```
do {  
    // The body of The Loop  
}  
while (Test Expression)
```

B) Add a Slide

1. In The Thumbnails on The left pane. select The slide you want your new slide to follow.

2. In The Home Tab, in The Slides Selection select New Slide

3. In The Slides Section, select Layout and Then select The layout you want from The menu.

C) Add and format Text.

1. Place The cursor inside a Text box, and Then type something.

2. select The Text and Then select one or more option from The font Section of The Home Tab, Such as font, Increase font size Decrease font size, Bold, Italic, Underline etc.

Q.14 Create a file in Ms-Word The Convert existing highlight Text To Table as shown below and save it as file name: Text: To - Table! Describe all steps involved in it.

- Select The Text you want To Convert.
- select The Insert Table.
- Click on Table Command. A dialog box appears
- Click on Convert Text or Table, a New dialog box appears.
- here set Number of Columns
- Click on OK finally Selected Text Convert in a Table.



Select The Text you want To Convert	Select The Insert Tab
Click on Table Command. A dialog box appears	Click on Convert Text a new dialog box appears
here set number of columns.	Click on OK finally selected Text Convert in a Table.

815 find The output of The following program segments

1> output

```
1 tmp 10107 E3 g @ KA, 0
1 ms Ghaziabad
```

2> output

```
1 tmp 1 yC3132 P xJg. 0
1 ms Ghaziabad
1 ms Ghaziabad
```

3> output

```
ycc 1 tmp 1 bIF apms 84H. C-Im
1 tmp 1 bIF apms 84H. C: In fun
function 'main'.
```

```
1 tmp 1 bIF 9 pm 584H. C: 8:10: warning
: missing terminating character.
81. print ("largest Number is ").
d/n"b)
```

1 ^

```
1 tmp 1 bIF 9 pm 584H. C: 8:10 error: missing
```

Terminating "character"

```
8 | print ("largest number is ", d/n, "\n")
```

```
1
```

```
1 | tmp | b2Fpm 584H. C: 9: 2 error:
```

```
expected expression before '3' token
```

```
9 | 3 }
```

```
1 | n
```

```
1 | tmp | b2Fpm 584H. C: 8: 9 error:
```

```
expected ':' before '3' token
```

```
8 | print ("largest number is ", d/n, "\n")
```

```
1
```

```
9 | 3
```

```
1
```

Q.16 find output of the following expressions.

$$A7 \ x = 20/5 * 2 + 30 - 5$$

$$\Rightarrow x = \frac{20}{5} \times 2 + 30 - 5$$

$$x = 8 + 30 - 5$$

$$x = 8 + 25$$

$$x = 33$$

$$B > Y = 30 - \left(\frac{40}{10} + 6 \right) + 10$$

$$= Y = 30 - 4 + 6 + 10$$

$$= Y = 30 - 10 + 10$$

$$= Y = 30 + 10$$

$$Y = 30$$

$$C > Z = 40 \times \frac{2}{10} - 2 + 10$$

$$Z = 8 - 2 + 10$$

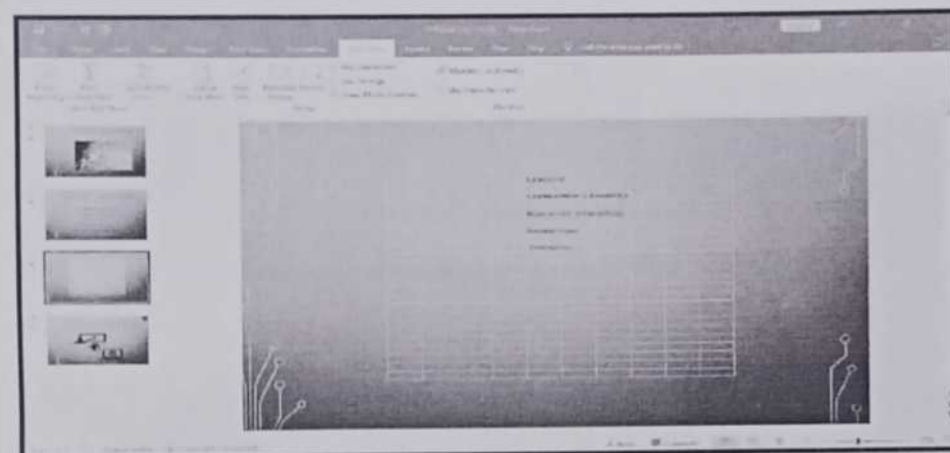
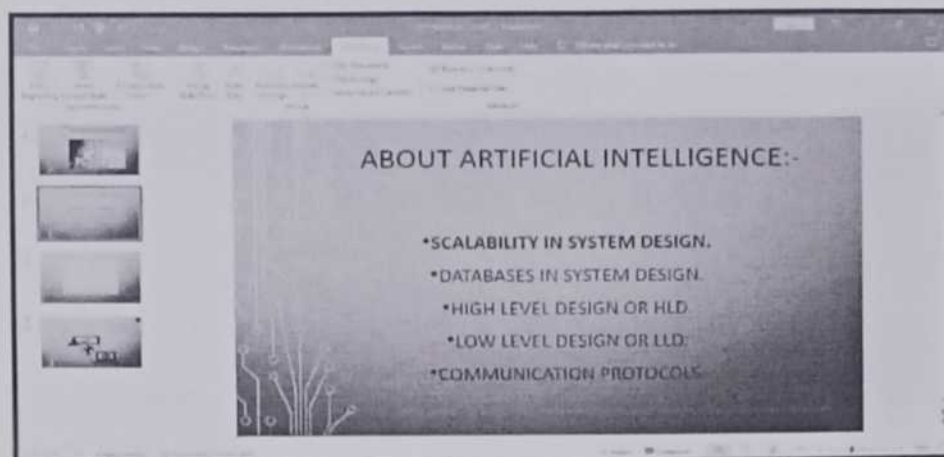
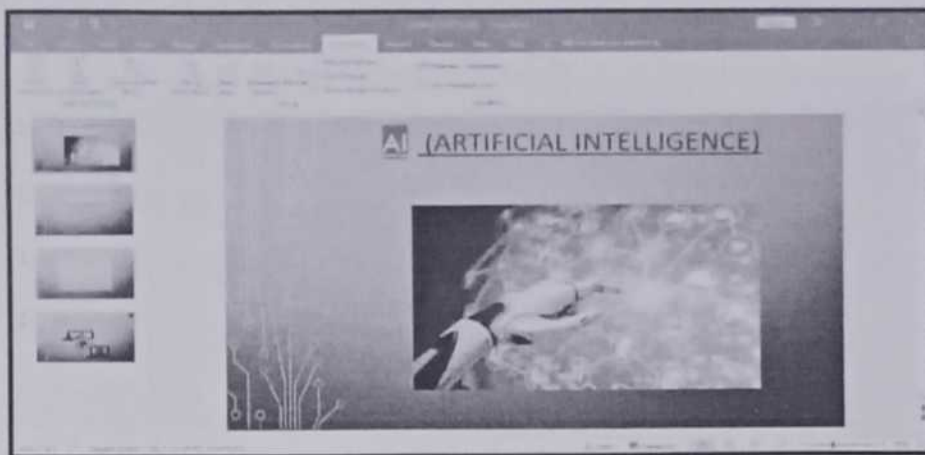
$$Z = 6 + 10$$

$$Z = 16$$

Q.17 Write steps for creation of a set of Power Point slides that demonstrates your skill to use the tools of Power Point. It should include the following things.

- Title slide & bullet list
- Inserting Excel sheet
- Clip art and Text
- Slide show effects

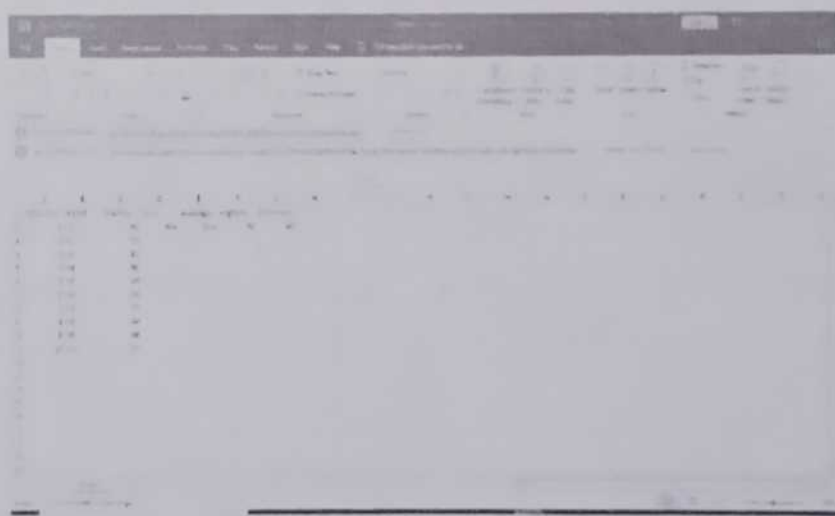
Q17 Ans 17



187 Calculate The Following Things of a range (C2: C11) of data in The Worksheet created in question no. 11.

- The Sum of The marks using Autosum in a range of cells (C2: C11)
- average of The Marks in a range of cell (C2: C11)
- highest Marks in a range of cells (C2: C11)
- Minimum Marks in a range of cells (C2: C11)

Ans =>



Q19a) Describe the syntax of the following statements
Describe various steps involved in the following.

Ans

- ➔ To Modify Column width of a Worksheet.
 - select a column or a range of columns
 - on the Home tab, select Format > Column Width (or Column Height)
 - Type the Column width and select OK.
- ➔ To Modify the Row height of a Worksheet.
 - select the row or rows that you want to change.
 - on the Home Tab, in the cells group, click format.
 - under cell size, click Row Height
 - In the Row height box, type the value that you want, and then click OK.
- ➔ To delete row and Columns of a Worksheet.
 - select the cell, rows or columns that you want to delete.
 - Right-click and then select the appropriate delete option, for example, Delete cells & shift up, Delete cells & shift left, Delete rows or delete columns.

Q1920 Describe following terms in the worksheet

- Absolute reference and relative reference in formula.

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

- cell address

Ans - A cell reference or cell address is a combination of a column letter and a row number that identifies a cell on a worksheet.

Q202 Create a file MS-Word to insert a table in the document. Describe all steps involved in it.

Click Insert > Table and move the cursor over the grid until you highlight the number of columns and rows you want.

For a larger table, or to customize a table, select Insert > Table > Insert Table. Tip: If you already have text separated by tabs, you can quickly convert it to a table.