CCA-101 - Fundamentals of IT & p. nogramim-Assignment - 1. what are the four Fundamental parts of Computers Explain it with the help of diagram.

At a high level, all Computers are made upof a (0:1. lang: processor (CPV), memory, and Input/output devices Each computor viccives input from avoyof of devices, perocesses that data with the country memory, and sends alselds to some from fortput Input Devices MEMOSTY Storage Devices Disuss about the classification of Computers based on Size and Copacity?
Microcomputers Minicomputors Mainforame Computous pacity = capacity planning based on the timeline is classifed into theree main Categories long orange, medium

	PAGE NO. XTRA EDGE
	DATE. / /
	orange and shoot orange Lang Term Corpacity.
0:3	what is the meaning of Computer generation?
L.	How many computer generations are defined?
The Landson	what technologies were fore used?
lans:	generation in Computer terminology is a change
Har look	in techology a computer is/was being used.
	Howadays, generation includes both hardware
10 00	and Software, which together make upan
	entire Computer System.
0	First generation (1940-1956)
	Seccond genoration (1958-1963)
0	Thouad generation (1964-1971)
(9)	Fourth generation (1971 - 2010)
	Fighth generation (210 to powerent)
	Sixth Generation (Future gen out ons)
0:4	Differentiale between volatile & non-volatile
	memories.
bry:	Non-volatile volatile
1.	The Difference between and 1.9t is a type of memory
	volitle non-volitle inwhich lity is last as it
	memory are as follows: - is power off.
1,	It is the type of memory
	in which data gremouns
	stoned even if It is power D memory is stoned temporar
<u> </u>	67.
(3)	memory is stored presim @ It is faster than non-
66	Stix stower than volatle
(3)	
	memory.

	PAGE NO. XTRA EDGE DATE. / /
Q:5.	Distinguish among System software, opplication Software and open Source Software on the basis
a still !	Software and open Source Software on the basis
	of their features.
1 19.7	System Software: - O.9t is a general-purpose software
NOTIFIC THE	Dougl languages Dosystem Software is written in law-
3	A Computer Cannot own without System Software.
9	9t does not depend on application software.
(5)	System Software examples incidude operating systems
	(Michosof & windows, Macos, and Computer, and
	proembles
- Val : lid	S Application Software: - O 9.1 is a specific-purpose
	software 1
2.	9t enobles users to perform specific tasks. Application Software is written in high-luel angige
9.	· Such as Java and C+t.
(4)	A computer can sum whenh Application Software
- Lyskia	Open Source Software: D Non-proprietary Software
0	which may or may not be used
	Unimortally,
(2)	Typically licensed under an open Source license
3	(not given away)
	Source Code is generally mode warlable - Legal
34	DMCA) do not apply.
(0:6	Coreate a File in MS-world to insert a paragrap
_	about yourself and Sove with File name eyoury
	Rescouble all Steps involved in 17.
Ans: 0	Click the file tab.

Q6.a) 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.

My name is Jaswinder kaur.my father name is Gurdeep singh. My mother name is kulwinder kaur. I live in Jalal. I am 25 years old. My qualification 10^{th} , 12^{th} B.A and M.A. my hobbies are reading books. I have many friends but name ramandeep kaur and pardeep kaur is my best friends. I getup early morning. My favourite colour black and yellow. I am also learning cycling so that I can keep myself healthy. I love to dance. I love to study storybooks as a pastime.my father is a farmer.my mother is a housewife. I am also very found of watching various movies.In the end I would like to say that I want to spot my family.

Q6.b) write steps regarding followings

- > To change the font style
 - 1. Click format > text style.
 - 2. In the Item 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 other views.
- > To change the font size
- 1. Select the text or cells with text you want to change. To select all text in a word document, press ctrl+A.
- 2. On the home tab, click the font size in the font size box.
- > To change the font color
 - 1. Select the text that you want to change.
 - 2. On the home tab, in the font group, choose the arrow next to font color, and then select a color.
 - to highlight (in yellow) the line that reads" needs to get ims,s address".
- 1. Click the home tab. In the font group, click the text highlight button.wors is now in highlighting mode.
- 2. Drag the mouse over the text you want to highlight.

Q7. Create a file in Ms-word for the following document and save it with file name' Ms-word'. Describe all steps involved in it.

Ms word

Ms word is a widely used commercial word processor developed by Microsoft.

Ms word is application software, which is capable of

- Creating,
- Editing,
- Saving, and
- Printing any type of document

Q8.Create a file in MS-Word for the following document and save it with file name 'equations'. Describe All steps involved in it.

Equations

$$Z_3+Q^4=50$$

$$Z_3+Q^4=50$$

 $A_2+B^8=X_2+Y^8$

Q9.create a file in ms- word that convert existing hightlight 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 tab.

Click on table command a dialog box appears.

Click on convert text to table a new dialog box appears.

Here set number of columns.

Click on ok finally selected text convert in table.



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

Q10. Create a file in Ms —word to insert a table in the document. Describe all steps involved in it.

- 1. Click insert> table and move the cursor over
- 2. The grid until you highlight the number of columns and rows you want.
- 3. Then select ok.

CALCUATE THE FOLLOWING THINGS OF RANGE (C2:C11) OF DATA IN THE WORKSHEET CREATED IN QUE

12007112 1112102	2201111011111110001	10 0102 (02	ierr et al. a.
	Name	Marks	THE SUM RANGE CELLS(C3:C12)654
1	n1	60	average the range of cells(C3:c12)65.4
2	n2	70	highest marks in na range of cells(C3:C12)90
3	n3	80	minimum marks in a range of cells(C3:C12)40
4	n4	90	
5	n5	40	
6	n6	50	
7	n7	77	
8	n8	44	
9	n9	88	
10	n10	55	
			654
			CE A

65.4

90

40

11	
	PAGE NO. XTRA EDGE DATE. / / ****
<u> </u>	
():13	Describe various steps involved in the following
- Pal 8. M	To modify Column width of a worksheet.
de	Select the Column on Columns that you want
Ta live	
	On the Home tab, in the Cells group, Click former under Cell Size, Click Column width
THE A	In the column width box, type the value that
	you want.
- 2.	Click ox
B	To modify the now height of a workshoot. Position the Curson over the now line so the
•	Position the Curson over the now line so the
-3.2 MICH 23	Curson becomes a double avoice.
	click and doing the mouse in increase an decrease
	the now height.
	Release the mouse. The height of the selected own will be changed.
C.	The delete your and columns of a worksheet
	Column: Select any cell within the Column, then
C la	go to Home > tryerd > Insert sheet column
	OI that sheet columny
•	Altoinatively oright - click the top of the column;
	and then select injert or Delete.
	Row: - · Select any Cell with in the grow, then go to Home > Insert > Insert sheet Rows
	as Dollar Stand David Sheet Rows
0	Delete Sheet Rows.
	Alternatively, oright - Click the orow number and then Select Insent or Delek.
0:13.6	Describe following togens in the workshoot &
A	Describe following forms in the worksheet? Absoul Shoelute reference and orelative reference

PAGE NO. XTRA EDIGE

	PAGE NO. XTRA EDGS!
(n) 14 a	DAIL. / /
W: 1914	what tools are available to customize our
	power point pousentation.
And:	Tool #1: Templates and themes 10: Tables
	Tool #2: Slide Layouts 11: Flow charits
	Tool #3: Fonts 12: Toon Charles
12.0	Tool #4: Colon themes 13: Radials
ANION	- 5: Icons 14: progress Bous
	15 Ammarion
-	- 7: Stock photos 16: Townsitions
TITA	-8: Chart's and Graphs 17: Interactivity
lest co	-9: Maps 18: Audio And video
0:146	
W-170	The second of th
nn. A	199 power point poresentation
200	open a Blank poses entation
	click the File tab.
	Click open poiers Ctoil +0 Select the location where the File is Soved Recent display a list of poiesentation that you've recently opened.
(Select the clocation where the File is Sould Recent
	asplay a list of poresentation that you've orecently
B	locate and do double - click the File you wantrogon
7:	Sove the posesentation as lab 1. pptx
•	open the poresentation in power point.
0	On the File tab, click Sove As
	In the Sove As dialog box, in the Sove as type list, click power point Rome sentation (* outx)
b	Click Save.
C	gold a title to the first Sliche the name of your
	College.

Guru Gobind Singh Khalsa Bhagta Bhai Ka

Jaswinder kaur

About Myself

- My name is Jaswinder kaur.
- My Father name is Gurdeep Singh.
- My Mother name is Gurmeet Kaur.
 - My hobby is to read Books.
 - I live in jalal.distt.bti.

	PAGE NO. XTRA EDIST
	DATE. / /
(0:15	write Seps for Coreation of a set of power point
	write Seps for Coreation of a set of power point Slides that demonstrates your Skill to use the tools of powerpoint. It should include the
	the tools of powerpoint. It should include the
by: A	Title Slide & bullet list.
0	choose Insect > new Slide, click the new Slide
	choose Insert > new Slide, click the new Slide button on the toolbar, on priess the hatkey Ctol
•	Ed List layout tousk pane, choose the Bullet-
•	click the title plachdder and type the title of
- kalia u	wour hullotted list.
0	Click the text placholder and type your build-
3-11 30	
Artistal	Slide for a standalone title ough as solect
	Title Slide: - Click Home > Layous. Select Title Slide for a Standalone title page ar select Title and Content for a Slide that Contains a title and a full Slide text box. many other
	title and a full slide text box many other
9	vayour options include antes, 100. Fich the one
1300	the click to odd title text box.
o.b	Insorting Excel Sheet:
0	Select the new sheet plus (con(+) at the bottom
Dell amor	of the workbook.
•	On, Select Home > Insert > Insert Sheet
7	clip art and text
	open the power point open the power point and
0	Select the Clip Nort

DAOS NO. MYDS
PAGE NO. XTRA EDGE DATE. / /
Insert the clip Rot
Select the image in the DDE File -
Edit the Image
Add Image to PDF.
fext = Select Insert > fext Box. Select either Drow
Hosizontal text Box on vertical text Box.
Select a shape on a Connector.
Type in the text.
select a blank area on the drawing page.
Slide Show effects
THE THE MINISTER STATE OF THE S
Select the Slide to which you want to apply the effect.
Select the panimation tob.
In Transition to this Slide group you will see the
honansition effects.
Click the drop-down arrow to see menu of for any to
elle chiesa.
Select the desired townsition effect.
but Hall med willed alvalamic terator during to the
what is difference between Machine Language and
High Level Language?
High Level tanguage low-level language
It can be considered as a It is considered as a machine
perogrammer-friendly - firendly language
language.
It can be poorted from one - It is not poortable.
elecation to another
PERFECT THE COIP PART

_
4
der-
1001-
huo
nong
J
ctions
-110016
y.
Ø.
amor
William,
0
oid
d
à
3.

Q19. Describe the syntax of the following statements

a) If -else statement

```
if (condition) {
 // block of code to be executed if the condition is true
The else statement specifies a block of code to be executed if the condition is
false:
if (condition) {
 // block of code to be executed if the condition is true
} else {
 // block of code to be executed if the condition is false
The else if statement specifies a new condition if the first condition is false:
if (condition1) {
 // block of code to be executed if condition1 is true
} else if (condition2) {
 // block of code to be executed if the condition1 is false and
condition2 is true
} else {
 // block of code to be executed if the condition1 is false and
condition2 is false
```

b) for loop

```
#include <stdio.h>
int main () {
  int a;
  /* for loop execution */
  for( a = 10; a < 20; a = a + 1 ) {
    printf("value of a: %d\n", a);
  }
  return 0;
}</pre>
```

c) while loop

```
#include <stdio.h>
int main () {

/* local variable definition */
int a = 10;

/* while loop execution */
while (a < 20) {
    printf("value of a: %d\n", a);</pre>
```

```
a++;
}
return 0;
}
```

d) do-while loop

```
#include <stdio.h>
int main () {

/* local variable definition */
int a = 10;

/* do loop execution */
do {
    printf("value of a: %d\n", a);
    a = a + 1;
} while (a < 20);

return 0;
}</pre>
```

Q. 20. Find the output of the following program segments.

Segment (A)

```
main.c
                                              Run
                                                        Output
  #include<stdio.h>
                                                       /tmp/T5xG0XeCl0.o
2 int main()
                                                       IMS Ghaziabad
3 - {
4
  int i;
   for (i=1;i<2;i++)
5
6 - {
       printf("IMS Ghaziabad\n");
7
8
9
    }
```

Segment (B)



Segment (C)

```
Run
                                                        Output
main.c
1 #include<stdio.h>
                                                       /tmp/T5xG0XeCl0.o
2 void main()
                                                       largest number is100
3 + {
       int a =10,b=100;
4
       if(a>b)
5
       printf("largest number is%d\n",a);else
6
       printf("largest number is%d\n",b);
7
8
    }
```