

Name - Gram .

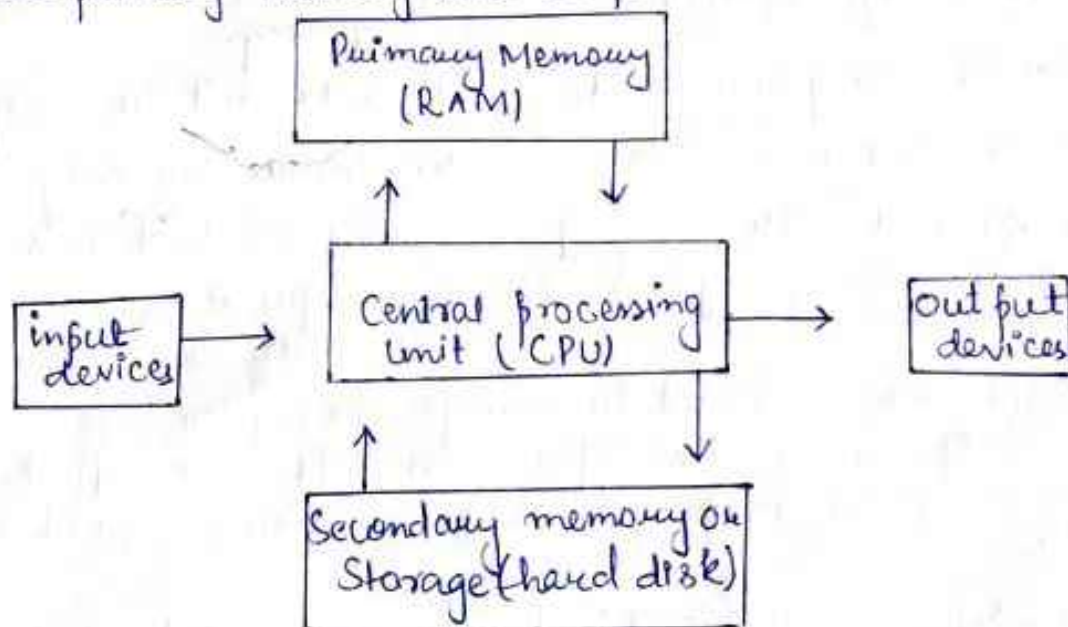
Reg → CCA / 2021 / 89272 .

Course → CCA .

Assignment no → 101

Qno1: What are the four fundamental parts of the computer? Explain it with the help of diagram?

Ans: A Computer has four main components:
Input unit, the central processing unit or CPU,
The primary memory and output unit



Qno2:- Discuss about the computer classification based on the size and capacity?

Ans: Computer classified on the basis of size and capacity are:
Super computers, Main frame computers, Mini computers, Micro computers, Desktop computers, Pocket computers.

Qno3: What is the meaning of computer generation? How many computer generation are defined? What technologies were/are used?

Ans:- 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 technology. Nowadays generation includes both hardware and software, which together make up an entire computer system.

> The computer of first generation used vacuum tubes as the basic component for memory and circuitry for CPU.

Qno4: Differentiate between volatile and non-volatile memories?

Ans:- volatile memory	Non-volatile memory
(1) Data temporary store in volatile memory. (2) It has less storage capacity. (3) Data can be easily transferred (4) Process can read and write. Examples: RAM and Cache memory.	(1) Data permanently stores in non-volatile memory. (2) It has more storage capacity. (3) Data can't be easily transferred (4) Process can only read Example: ROM and HDD.

Ques:- Distinguish among system software, application software and open source software on the basis of their features.

Ans:- System Software is meant to manage the system resources. It serve as the platform to run application software. Application Software helps perform a specific set of function for which they have been designed.

Application software is developed in a high level language such as Java, C++.

make its source code available to others who would like to view that code, copy it, learn from it, alter it, or share it.

Ques:- write steps regarding following

- > To change the font style
- > To change the font size
- > To change the font colour

Ans:- (i) Select the text you want to modify.

Select the home tab and locate the font group. Font Style menu appear with a left click. Select the desired font style.

(ii) Select the text, in home tab, locate the font group, in font group click the drop-down arrow next to font size box, font size menu appears, select the desired font size with a left click.

Ques:- Discuss about different data type of C-programming language?

Ans:- The C programming language provides the four basic arithmetic type specifier char, int, float, and double, and the modifiers, signed, unsigned, short and long, following list, the permissible combination in specifying a large set of storage size-specific declaration

Qno7: Create a file in MS-word for the following document 2. Save it with file name MS-word. Describe all steps involved in it? (3)

Ans: MS WORD

MS word is a widely used commercial word processor developed by Micro Soft.

MS word is application software, which is capable of

- creating
- editing
- saving
- Printing any type of document.

click the first tab to access backstage view, choose export then select change file type. Select a file type, then click save as then a dialog box will appear.

Select the location where you want to export the document enter a file name (MS-word) then click save.

Qno8: Create a file in MS word for the following 2 documents and save it with file name equation. Describe all steps involved in it?

equation

$$x^2 + y^5 = 30$$

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

$$A^2 + B^6 = X^2 + y^8$$

Ans: 1. Open word and select file > new.

2 In the Search for online; templates box, enter a search word like letter, resume or invoice or select a category under the search box like Grammar. Personal or educational click the template to set a preview.

Select create, select a file type then click save as the table and paragraph marks will produce a table with 3 columns and 5+2 rows.

Enter a file name (equation) + click save.

Qno9: Create a file in MS word that 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 the table command. A dialogue box appears.

Click on convert to text to table, a new dialogue box appears here set no of column

Click on OK finally selected text convert in a table.

Ans: Convert text into a table

- (1) Insert separate character, such as common or tabs to indicate where divide text into table column.
- (2) Use paragraph marks to indicate where to divide want to bring a new table row. In this example the tabs and paragraph marks will produce a table with columns and (+) rows.
- (3) Select the text that you want to convert and click Insert -> Table -> Convert text to table.
- (4) In the convert text to table box, choose the option you want. Under table size make sure no matches the no of columns & rows, choose a table word automatically, choose a width for the table column.
- (5) Click O.K the text converts to a table.

Qno10: create a file in MS-word to insert a table in the document. Describe all steps involved in it?

Ans: (1) Open a blank word document.

(2) In the top ribbon, press insert

(3) click on the table button

(4) Either use the diagram to select the no of column and rows you need.

(5) The blank paper/table will appear on the page.

Qno11: Create a following worksheet in MS-excel and save it with name 'book1'?

Ans: (1) Right click the worksheet move table

(2) click select move or copy.

(3) click on the move select sheet to book drop-down menu select (new book)

(4) click on your new work sheet opens with your moved-worksheet.

(5) click file > save in your new workbook with name 'book1'.

Qno13:- Describe following terms in the worksheet:

a) Absolute reference and relative reference in formula.

Ans: Relative and absolute references behave differently when copied and filled to other cells. Relative references changes when a formula is copied to another cell. Absolute references, on the other hand, remain constant no matter where they are copied.

b) cell address

A cell address is a combination of a column letter and a row no that identifies a cell on a worksheet.

(5) Qno14: What tools are available to Customize our power point presentation?

Ans: Tools available to Customize our PPP are:

- Screeni Re-cording, Animation, Best Practices, Images & resources

Qno15: What Steps for creation of a Set of power point slides that demonstrates your skill to use the tools of power point?

Ans: (1) Start a blank presentation (2) Type text into your little slide, (3) Insert more slides, (4) Add Content to Slides, (5) Change the design (6) Add animation, (7) Save your presentation (8) Print your presentation

Qno16: What is the difference between Machine language and high level language?

Ans: Machine language

High level language

- (1) It is considered as a machine friendly language.
- (2) It is not portable
- (3) It is not easy to understand
- (4) It is difficult to debug
- (5) It consumes less memory.

- (1) It is considered as a program friendly language.
- (2) It can be ported from one location to another.
- (3) It is not easy to understand
- (4) It is easy to debug
- (5) It consumes more memory

Qno18: Find the output of the following expressions:

a) $x = 20/5 * 2 + 30 - 5$

b) $y = 30 - (40/10 + 6) + 10$

c) $z = 40 * 2/10 - 2 + 10$

Ans: (a) $x = 20 \div 5 \times 2 + 30 - 5$

$x = 4 \times 2 + 30 - 5$

$x = 8 + 30 - 5$

$x = 38 - 5$

$x = 33$

(b) $y = 30 - (40 \div 10 + 6) + 10$

$y = 30 - (4 + 6) + 10$

$y = 30 - 10 + 10$

$y = 30$

(c) $z = 40 \times 2 \div 10 - 2 + 10$

$z = 40 \times 5 - 2 + 10$

$z = 200 - 2 + 10$

$z = 210 - 2$

$z = 208$

Qno19: Describe the Syntax of the following statements:

- if-else statement
- for loop
- while loop
- do-while loop

if else statement	for loop	while loop	do-while loop
If conditions return true then the statement inside the body of 'if' are executed and the statement inside body of 'else' are skipped	The initialization statement describe the starting pt. of the loop, where the loop variable is initialized with a starting value.	The body is executed if and only if the condition is true.	do statement while (expression)

Qno20: Find the output of the following segments

a) #include <stdio.h>

```
int main ()
{
    int i;
    for (i=1; i<2; i++)
    {
        printf("IMS Ghaziabad\n");
    }
}
```

output
IMS Ghaziabad

b) #include <stdio.h>

```
int main ()
{
    int i=1;
    while (i<=2)
    {
        printf("IMS Ghaziabad\n");
        i=i+1;
    }
}
```

output
IMS Ghaziabad, IMS Ghaziabad

c) #include <stdio.h>

```
void main()
{
    int a=10, b=100;
    if (a>b)
    {
        printf("largest no is %d\n", a);
    }
    else
    {
        printf("largest no is %d\n", b);
    }
}
```

output
largest no, is 100