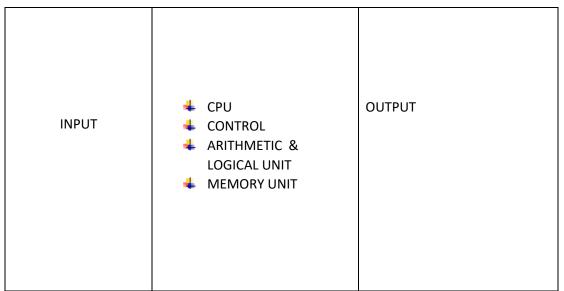*FUNDAMANTAL OF IT AN PROGRAMANING*

ASSIGNMENT - 1

Q 1. What the four fundamental part of computer ? explain it with the help of diagram.

Ans: a computer has four main components :

Input unit , the center processing unit or CPU , the primary memory , and output units,

❖ Input unit – the devices to input information such as a keyboard, and mouse

INPUT	CPU CONTROL ARITHMETIC & LOGICAL UNIT MEMORY UNIT	OUTPUT

❖   CPU- the CPU is further broken up into ALU ,control unit , and instruction unit.
❖ PRIMARY MAMORY – computer program instruction converted into machine code are stored in primary store or memory.
❖ OUTPUT UNIT – the devices to output information , such as a printer , monitor, and speaker

Q2. Discuss about the classification of computer based on size and capacity ?

ANS: 1) MICRO COMPUTER – are smallest and based on the use of microprocessor low storage, low speed capacity .

2)MINI COMPUTER – are little larger than micro computer also use same microprocessor but with more speed . support multiuser and multi task. These are used in business and commerce such as payroll stock control.

3) MAINFROME COMPUTER – can handle hundreds of user at same time because of high speed an large memory , they are designed for distributing system . data is physically separate but logically .

4) SUPER COMPUTER – are the fastest computer . super computer use – non –von new Mann design

These computer are used in multiprocessing , multitasking and parallel processing for different task .

Q3. What is the meaning of compute generation ? how many computer generation are defined? What technologies were are used ?

ANS: generation in computer terminology I a change in technology a computer is /was being used .initially the generation term was used to distinguish between varying hardware technology .

FIVE GENERATION OF COMPUTER –

FIRST GENERATION –(vacuum tubes 1940-1956)

SECOND GENERTION – (TRANSISTORS 1956-1963)

THIRD GENERATION- (integrated circuits 1964-1971)

FOURTH GENERATION –(microprocessors 1971-present)

FIFTH GENERATION –(artificial intelligence) (present and beyond)

Q4). Different between volatile and non – volatile memory

RAM	ROM
1) Store data in MBG 2) Volatile 3) Use in normal operating 4) Writing data is faster 5) Temporary storage	1) Store data in GBS 2) Non- volatile 3) Used for startup process of computer 4) Writing data is slower 5) Permanent storage

Q5) distinguish among system . software , application , software , and open sources software on the basic of their features .

SYSTEM SOFTERWARE	PPLICATION SOFTWERA	OPEN SOURS SOFTWARE
1) It is a type of software that is deigned to run a computer s hardware and application program.	2) It is software created for a specific purpose , can be called an application or simply and app .	3) Open source technology I defined as he development of software for allowing end developers to not only see the sources code of software but modify it as well .
1) Run when the system and run till the end	2)Run when the user require.	3) User can modify the software
1) Control many processes at a time	2) Processes done by following step by step at time	3) User can install software freely into any computer

Q6a). Create a file in MS – WORD to insert a paragragh about yourself & save it with file name yourself . describe all step involved in it .

ANS: my name is nikita mahendra wagh . I am 17th years .my mother name is suwarna wagh.and is housewife . my father name is mahendra wagh .and I have little brother his name is Nikhil wagh .i always respect my elders .my father is hard worker . and my mother is housewife .we are live in wasanbe khondawadi , mohopada .and I love my country .thank you ……

Q6 b) write steps regrading following

To change the font style

To change the font size

To change the font color

To highlight (in yellow) the line that read " need get IMS address"

NIKITA WAGHE

Q7). CRETE A FILE IN MS- word FOR THE FOLLOWING DOCUMENT AND SAVE IT WITH FILE NAME "MS – WORD" DESCRIBLE ALL STEP INVOLVED IN IT.

ANS: MS WORD

Ms word Is   a widely used commercial word processer developed by Microsoft .

Ms word is application software , which is capable of

- Creating,
- Editing,
- Saving, ~~end~~
- **Printing any type of document**

Q8.) CREATE A FILE IN MS –word FOR THE FOLLOWING DOCUMENT AND SAVE IT WITH FILE NAME "EQUATION" .DESCRIBLE ALL STEPS INVOLVED IN IT

Equations

$X_2 + y_5 = 30$

$Z^3 + Q^4 = 50$

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

Q9.CREATE A FILE IN MS-word THAT CONVERD EXISTING HIGHLIGHT TEXT TO ABLE AS BELOW AND SAVE IT AS FILE NAME "TEXT-TO-TABLE'. DESCRIBE ALL STEPS INVOLVED IN IT .

Select the text you want to convert. . select insert tab

Click on **table** command .a dialog box a appear .

.click **on convert text to table** , a new dialog box appear here set number of columns..

Click on ok finally select text convert in a table

Select the text you want to convert .	Select the insert .
Click on **table** command .a dialog box appear .	Click on **convert text to , anew** dialog box appear
Hare set number o columns.	Click on ok finally selected convert in a table

Q10) CREATE A FILE IN MS-WORD TO INSERT A TABLE IN THE DOCUMENT . DESCRIBLE ALL STEPS INVOLVED IN IT.

STUDENT NAME	MOTHER NAME	FATHER NAME
NIKITA WAGHE	SUWARNA WAGHE	MAHENDRA WAGHE
PRIYA PATEL	VILAM PATEL	SANJAY PATEL
JYOTI PATEL	VILAM PATEL	SANJAY PATEL

Q11. Create a following worksheet in MS – word and save it with name "book1".

Q12. Calculate the following thins of a range (c2:c11) of data in the worksheet create in question no 10.

roll no	name	MARK
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
	SUM	654
	AVERENGE	65.4
	MAX	90
	MINI	40

Q13a) describe various steps involved in the following

➢ To modify column width of a worksheet

ANS: 1) position the cursor over the column line in the column heading

2) and a double arrow will appear

3) left – click the mouse then drag the cursor to the right to increases the column width or to the left do or crease the column width

4) release the mouse button

➢ To modify the row height of a worksheet

ANS: 1) position the cursor over the row will line you want to modify and a double arrow will appear

2) left – click the mouse then drag the cursor up ward to decrease the row height or down ward to in crease the row height

3) release the mouse button

➢ To delete row and column of a worksheet

ANS:1) select the row or column you want to delete

2) click the delete command in the cell home tab

3) select column or row delete

Q14.a) what tool are available to customize our power point presentation?
ANS: 1) home, insert,
2) Diseng ,
3) Transition
4) Animation
5) Slide show
6) Review
7) View
8) Format

Q14b) what the step for are available to customize our power point presentation.

JANTA VIDHYALAY MARATHI MEDIUM SCHOOL AND JUNIOR COLLEGE

NIKITA WAGHE

1ST CLASS	2ND CLASS	4TH CLASS	5TH CLASS
6TH CLASS	7TH CLASS	8TH CLASS	7TH CLASS

Q15. Write steps for creation of a set of power point slide that demonstrates skill to use the tools of power point . it should include the following things

➢ Title slide & bullet list

ANS: power point

1) Click on the new slide button , and new slide will appear
2) Select title slide
3) 3)Select the paragraph and click on the bullet list button , and select symbol what do you want, and click on

➢ inserting excel sheet

ANS: ms word

1) select insert tab
2) click on the table button
3) and select inserting excel sheet

➢ Clip art and text

ANS: POWER POINT

1) First select on home tab
2) Than in toolbar select text
3) And where you want to insert the text you can insert the text .

➢ Slide show effect

ANS: POWER POINT

1) Select slide show tab
2) And select effect what do you want like from beginning, current slide , record slide show

Q16. What is the difference between machine language and high level language ?

Machine language	High level language
1)This language makes fast and efficient use the computer	2)High level language programmer friendly . then Are easy to write debug and amination.
1)It is requires on translator to translator the code it is directly understand by the computer	2)It is provide high level To abstraction from machine

Q17. Discuss about difference data type of programming language.

ANS: 1) CHAR: the most basic data type in C . it store a single character and requires a single by the of memory in almost all compilers

2)INT: as the name suggest , an int variable is used to store an integer .

3) FIOAT: it is used to store decimal number (numbers) white floating point value.
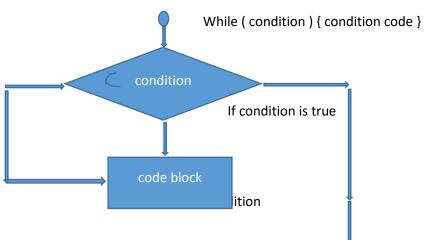
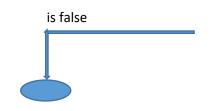4)DOUBLE: it is used to store , decimal number (number with floating point value but in comparison to float .

There are different type of data in c programming language .

Q18) find the output of the following expressions .

A)X=20/5*2+30-5

Ans: x=20/5*2+30-5

=4*2+30-5

=8+30-5

38-5

X=33

B) Y=30(40/10+6)+10

=30-46+10

=30-56

=26

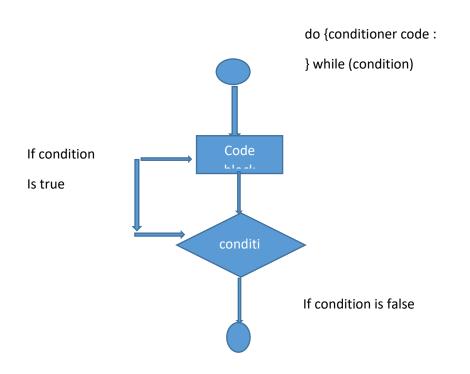C) Z=40*2/10-2+10

=40*5-2+10

=200-2+10

=200+10

=200-12

=188

Q19. Describe the syntax of the following statement

ANS: while loop :

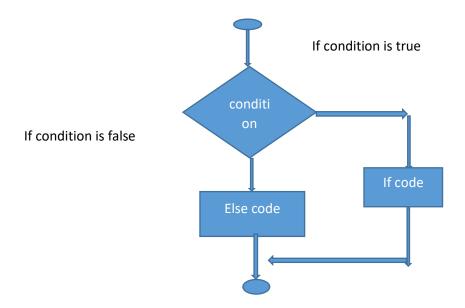While (condition) { condition code }
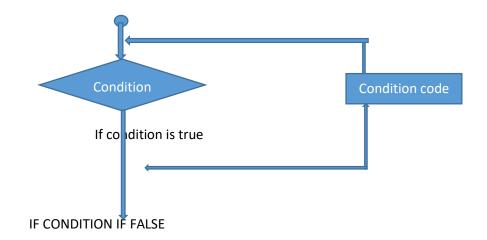
condition

If condition is true

code block

ition

is false

c) do while loop:

do {conditioner code :

} while (condition)

If condition

Is true

Code
block

conditi

If condition is false

3) if else statement :

 If (expression) { true block of statement ; }

Else

Else { else block of statement }

If condition is true

If condition is false

condition

If code

Else code

4) for loop :

Condition

Condition code

If condition is true

IF CONDITION IF FALSE

Q20. FIND THE OUTPUT OF THE FOLLOWING PROGRAM SEGMENTS.

1)

```
 #include<stdio.h>
int main()
{
int i;
for(i=1;i<2;i++)
        {
        printf("ims ghaziabada\n");
        }
}
```

2)

```c
#include <stdio.h>
int main()
{
int i=1;
while (i<=2)
                    {
                    printf("ims ghziabad\n");
                    i=i+1;
                    }
}
```

3)

```c
#include <stdio.h>

void main()

{

int a=10, b=100;

if(a>b)

printf("largest number is %d\n",a);

else

printf("largest number is %d\n",b);

}
```