

A. What is an algorithm?

An algorithm is a series of defined steps well followed in order to achieve an objective

example of an algorithm

an algorithm to add an amount of number

```
def add(*g):
```

```
    z=sum(g)
```

```
    return z
```

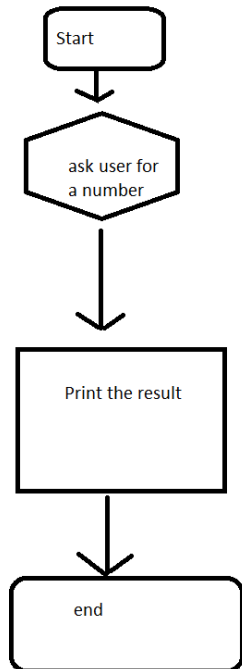
```
add(2,3,4,5,6,7,8)
```

B.What is pseudocode?

pseudocode refers to how a code will be implemented in steps.pseudocode refers to the syntax structure that shows how a program should be written and implemented but they are not programming language dependent.Pseudocode is a way of expressing an algorithm without conforming to specific syntax rules

C.What is a flowchart?

it is a pictorial version of coding using chart and symbols.flowchart refers to the diagrammatic representation of an algorithm.



D.Input must be specified

Output must be specified.

it must be Definite

it must be Effective.

it must be Independent

E. Algorithm to add two number

def add(i=0, j=0):

 sum= i + j

 return sum

sum(12,34)

F.

BEGIN

NUMBER s1, s2, sum

OUTPUT("Input number1:")

INPUT s1

OUTPUT("Input number2:")

INPUT s2

sum=s1+s2

OUTPUT sum

G.

