**QUESTION 1**

PSEUDOCODE

Start

Get number , a=1

Set count=0

while (a<number)

Calculate prime number

If (number%a==0)

count=count+1

endif

If(count==2)

Print” is a Prime number”

else

Print”Not a Prime number”

endif

End

FLOWCHART

Print “Not a Prime Number”

Print “is a Prime Number”

count==2

a=a+1

count=count+1

number%a==0

If a<=number

Set a=1

count=0

Get number

No No

Yes Yes

**QUESTION 2**

PSEUDOCODE

Start

Get r,Area

Calculate area of circle

Area = 3.142 (r x r)

Print “The area of the circle is “

End

FLOWCHART

Print”The area of the circle is “

Area=3.142(r x r)

Get r,Area