**Q - 1**

**Question Type : Multiple Choice Question**

How many iterations will the following pseudocode make to find key with value 37?  
integer key  
set integer array=[27,17,47,37,67]  
for ele = 0 to  step 1 do  
     if array[ele]equals key

          display"Found"  
     end-if  
end for

**Options**

 4

 5

Correct Answer

 Error

 3

**Q - 2**

**Question Type : Multiple Choice Question**

What will the output when following programs is executed?  
set integer y=2  
set integer z=4  
diaplay((y or z)and(z or y)

**Options**

 4

 0

 2

 1

Correct Answer

**Q - 3**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode?  
interger a  
set float b=7.0

case 8:display"Pseudocode"  
                break  
    default:display"Pseudo"  
end switch

**Options**

 Pseudocode

 Pseudo

 Infinite loop

 Error

**Q - 4**

**Question Type : Multiple Choice Question**

What will the output when following program is executed?  
set integer x=7  
set float y=7.0  
if x equals y then  
       display "They are equal"  
else  
       display"They are unequal"  
end if

**Options**

 Not Answered

 Error

 They are unequal

 They are equal

**Q - 5**

**Question Type : Multiple Choice Question**

what will be the output of the following pseudocode?  
Set integer array=[3,7,18,9,5]  
set integer result=( ++array[3])  
display result

**Options**

 10

 19

 9

 18

##### Q - 1

##### Question Type : Multiple Choice Question

What will be the outcome of the following pseudo code?

CHECK-CABIN

1. Cabin\_Id=25
2. Flag=0
3. Message=”Cabin Id not found”
4. While(Cabin\_Id>0 and Flag=0)do
5. if(Cabin\_Id<10) then
6. Message=”Cabin is in Ground Floor”
7. else
8. if(Cabin\_Id<20)then
9. Message =”Cabin is in First Floor”
10. end-if
11. end-if
12. display Message
13. Flag=1
14. end-while

##### Options

 Cabin is in Ground Floor

 Cabin id not found will be displayed infinitely

 Cabin is in First Floor

 Cabin id not found

Correct Answer

##### Q - 2

##### Question Type : Multiple Choice Question

what will be the output of the following pseudo code?

VALIDATE\_EMPNO

1. input Emp\_No
2. Emp\_Flag=0
3. while(Emp\_Flag=0)do
4. if(Emp\_No !=8005)then
5. Emp\_Flag=1
6. end-if
7. end-while
8. if(Emp\_Flag=1)then
9. display “Employee is valid”
10. else
11. display “Employee is invalid”
12. end-if

##### Options

 Employee number is 8010

 Results in infinite loop

 Employee is valid



 Employee is invalid

Correct Answer

##### Q - 3

##### Question Type : Multiple Choice Question

What will be the outcome of the following pseudo code?

VALIDATE\_BILL

1. Bill\_No = 2357
2. Bill\_Amount = 125.00
3. While(Bill\_No> 0)do
4. if((Bill\_Amount> 100.00) and (Bill\_Amount<=125.00))then
5. display”Discount is 20%”
6. else
7. display”Discount is 25%”
8. end-if
9. end-while

##### Options

 Discount is 20%

 Discount is 20% will be displayed infinitely

Correct Answer

 Discount is 25% will be displayed infinitely

 Discount is 25%

##### Q - 4

##### Question Type : Multiple Choice Question

What will be the outcome of the following pseudo code?

CALCULATION

1. Number=10
2. for Index=0 to 5 do
3. Number=Number\*Index
4. end-for
5. display Number

##### Options

 30.0

 0.0

Correct Answer

 1200.0

 150.0

##### Q - 5

##### Question Type : Multiple Choice Question

  What will be the outcome of following pseudo code?

VALIDATE-DATA

1. input Mark
2. while(Mark>=100) then
3. if(Mark>100)then
4. display ”Invalid Mark”
5. Flag =0
6. else
7. display ”Valid Mark”
8. Flag=1
9. end-if
10. end-while

Assume that the user has entered 90 as the value for variable, Mark

##### Options

 Valid Mark will be displayed infinitely

 No output

Correct Answer

 Valid Mark

 Invalid Mark will be displayed infinitely

**Q - 1**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode?

Set integer input1=3378

Set integer m=0

While(input1 not equals 0)do

            input1=input1/10

            increment m

end-while

display m

.What will be the output of the following pseudocode?

Set integer input1=3378

Set integer m=0

While(input1 not equals 0)do

            input1=input1/10

            increment m

end-while

display m

.What will be the output of the following pseudocode?

Set integer input1=3378

Set integer m=0

While(input1 not equals 0)do

            input1=input1/10

            increment m

end-while

display m

**Options**

 3

Correct Answer

 4

 5

 2

**Q - 2**

**Question Type : Multiple Choice Question**

What will the ouptut when following program is executed?

Integer m,n

Set p=7

For m=1 to 1 step 1 do

For n=m to 1 step 1 do

Display p+1

End- for

End -for

**Options**

 2

 8

Correct Answer

 9

 7

**Q - 3**

**Question Type : Multiple Choice Question**

 What will the output when following program is executed?

Set integer values=9

If(values %2 equals 0)then do

            Display”Pseudo”

Else do

            Display “Code”

End ifa

**Options**

 Error

 Pseudo

 Nothing can be displayed

 code

Correct Answer

**Q - 4**

**Question Type : Multiple Choice Question**

What will be the final value in salary?

Set integer bonus =0

Set salary =100

If(bonus and(salary =bonus +50))

            Display”Hooray”

End-if

**Options**

 error

 100

 50

Correct Answer

 0

**Q - 5**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode?

Set integer=0

For y=1 to 0 step 1 do

For z=1 to 3 step 1 do

            Increment m by 1

End –for

End-for

Display m

**Options**

 9

 error

Correct Answer

 0

 3

**Q - 1**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode a=2?

 1.fun(int a)

2.        if(a < 1 )

3.        return

4.        else

 5.       Print a

6.       fun(a-1)

7.       Print a

8.        Return

**Options**

 A. 1 2

 D. 3 2 1 1 2 3

 C. 2 1 1 2

Correct Answer

 B. 2 1

**Q - 2**

**Question Type : Multiple Choice Question**

Consider the following pseudocode. How many multiplications are performed here?

   M=2 2.

   for i=1 to N do 3.

   for j= i to N do 4.

for k=j+1 to N do 5.

  M=M\*3 6.

End for

       End for

    End for

**Options**

 A. One sixth of the product of the 3 consecutive integers

Correct Answer

 B. One third of the product of the 3 consecutive integers

 C. Half of the product of the 3 consecutive integers

 D. None of the mentioned options

**Q - 3**

**Question Type : Multiple Choice Question**

What will be the output of the following pesudocode?

1.Declare variable x,y,and i

2.Set x=0 and y=1

3.for(i=1;i<=4;i=i+1)

4.       print x

5.      x=x+y 6.

           y=x/y

7.End for loop

**Options**

 A.0 1 3 8

 B.1 0 2 4

 C.0 1 2 3

 D.0 1 2 4

Correct Answer

**Q - 4**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode ?

1.     Integer a,b,c

2.     Set a=10,b=20

3.     for(c=a;c 10)

7.                         Print a

8.              Else

9.                         Print b

10.           End if

11.  End for

**Options**

 A. 20

Correct Answer

 D. 20 23

 B. 20 32

 C. 22

**Q - 5**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode for a given array a[5]=3,4,6,1,2 and pos=2?

1.declare I,j,n,pos

2.Repeat for j=pos to n-1

3.       Set a[j]=a[j+1]

4.End for loop

5.n=n-1;

6.Display the new array

7.End

**Options**

 D.3 4 2 1 2

 A. 3 2 4 6 1 2

 B. 3 4 1 2

Correct Answer

 C.3 6 1 2

**Q - 1**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode for n = 2?  
int fun( int n);  
if( n EQUALS 4 )  
return n;  
else  
return 2 \* fun ( n + 1);

**Options**

 8

 4

 16

Correct Answer

 2

**Q - 2**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode for the input x=22 and y=3?  
1. Start  
 2.. Declare x, y, m, n  
3. Set m = x and n = y  
4. while m not equal to n then  
5. if m greater than n  
6.m = m - 1  
7. otherwise  
 8.n = n - 1  
 9. End if  
10. End while 1  
11. Print n

**Options**

 3

Correct Answer

 4

 None of the mentioned options

 12

**Q - 3**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode for x=11,y=5?  
1.fun(intx,int y)  
2.if(x==0)  
3.       return y  
4.else  
5.       return fun(x-1,x-y)

**Options**

 23

 71

 None of the mentioned option

Correct Answer

 17

**Q - 4**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode?  
int a = 15, b = 45, C = 9, i;  
if ((o> (a + b )) OR a < (5\* c)).  
for(i = 1 to 3)  
C = C\* 2  
End for loop  
else  
while (a > 6)  
b = b + 1  
a = a - 4  
end while loop  
Print b, C

**Options**

 48,9

 45,72

Correct Answer

 41,4

 45,9

**Q - 5**

**Question Type : Multiple Choice Question**

What will be the output of the following pseudocode?  
Integer a,b;  
Set a = 125, b = 122;  
if( (a + b) MOD 2 NOT EQUALS O )  
while ( a > 0)  
b = a + b;  
a = a / 5 ;  
End ;  
while  
              Print b;  
else  
              a = a - b ;  
              a = a / 2;  
              Print a ;  
end if;

**Options**

 234

Correct Answer

 278

 276

 274