**Pseudocode MCQ**

****Q1) What will be the value of the following pseudocode?****  
  
Integer value, n,  num  
  
Set value = 1,  n = 45,num=0  
  
num = num >> 1   
  
num = num + value  
  
Print num   
  
A. 44  
  
B .0  
  
C. 1  
  
D. 12

****Q2)What will be the value of the following pseudocode?****

Integer x, y

for(each x from 1 to 11)

x = x + 2

end for

Print x

A.11

B.10

C.12

D.13

****Q3) What will be the value of the following pseudocode?****

Integer j, m

Set m = 1, j = 1

Integer a[3] = {0, 1, 0}

a[0] = a[0] + a[1]

a[1] = a[1] + a[2]

a[2] = a[2] + a[0]

if(a[0])

a[j] = 5

End if

m = m + a[j]

Print m

A.3

B.2

C.6

D.4

### ****Q4) What will be the value of the following pseudocode for k=150?****

fun(integer k)

if(k>155)

return

end if

print k

fun(k+2)

print k

End of function fun()

A. 150 152 154

B. 150 152 154 154 152 150

C. 150

D. None of the mentioned

### ****Q5) What will be the output of the following pseudocode?****

Integer a[5], b[5], c[5], k, l

Set a[5] = {5, 9, 7, 3, 1}

Set b[5] = {2, 4, 6, 8, 10}

for(each k from 0 to 4)

c[k] = a[k] - b[k]

end for

for(each i from 0 to 4)

Print c[i]

end for

A. 7 13 13 11 11

B. 3 5 1 -5 -9

C. -3 -5 -1 5 9

D. None

### ****Q6) How many times “A” will be printed in the following pseudocode?****

Integer a, b, c

for(a = 0 to 4)

for(b = 0 to 2)

if(a is greater than b)

Print “A”

End for

End for  
End if

A.8

B.7

C.9

D.10

### ****Q7) What will be the output of the following pseudocode?****

Integer p, q, r

Set q = 13

for(each p from 1 to 4)

r = q mod p

p = p + 5

q = p + r

end  for

r = q / 5

Print q, r

A.6 4

B.1 3

C.7 2

D.6 1

### ****Q8) What will be the output of the following pseudocode?****

Integer x

Set x = 259

if(x EQUALS 0)

Print “0”

otherwise if(x MOD 9 EQUALS 0)

Print “9”

otherwise

Print x MOD 9

end if

A. 8

B. 16

C. 7

D. None

### ****Q9) What will be the output of the following pseudocode?****

Integer a, b

Set a = 12, b = 25

a = (a + b) MOD 2

b = b = a

a = a + b - 13

Print a, b

A. -11 1

B. -12 00

C.    11 22

D.    37 24

### ****Q10) What will be the output of the following pseudocode?****

Integer a, b, c

Set a = 4, b = 4, c = 4

if (a & (b ^ b) & c)

a = a >> 1

End if

Print a + b + c

A.16

B.24

C.8

D.12

### ****Q11) What will be the output of the following pseudocode for a = 10, b = 11?****

Integer funn(Integer a, Integer b)

if(0)

return a - b - funn(-7, -1)

End if

a = a + a + a + a

return a

End function funn()

A.40

B.30

C.44

D.0

### ****Q12) What will be the output of the following pseudocode for a = 5, b = 1?****

Integer funn(Integer a, Integer b)

if(b + a || a - b) && (b > a) && 1)

a = a+b+b-2

return 3-a

Else

End if

return a-b+1

return a+b End function fun()

A.0

B.5

C.16

D.11

### ****Q13) What will be the output of the following pseudocode for a = 5, b = 1?****

Integer funn(Integer a, Integer b)

if((b mod a && a mod b) || (a ^ b > a))

a=a^b

Else

End if

return a-b

return a+b

End function funn()

A.-9

B.5

C.6

D.21

### ****Q14) What will be the output of the following pseudocode for a = 4, b = 8?****

Integer funn(Integer a, Integer b)

if(a > b)

End if

if(b > a)

End if

b = b ^ a

a = a ^ b

return a + b

End function funn()

A. 35

B. 20

C. 14

D. 25

### ****Q15) What will be the output of the following pseudocode?****

Integer x

Set x = 2

if(x is EQUAL TO 1)

if(x IS EQUAL TO 0)

Print “A”

else

Print “B”

end if

else

Print “C”

end if

1. B C
2. C
3. A
4. B

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