CAMPUSMONK

Technical
ebook

1.
```cpp
#include<iostream>
using namespace std;
class Test  {
static  int x;
public:
Test()  {   x++;   }
static int getX()  {   return x;   }  };
int Test::x=0;
int main()  {
cout<< Test::getX()<<" ";
Test t[5];
cout<< Test::getX();     }
```

a) 0 0
b) 5 5
c) 0 5
d) Run time error

Answer

2.
```cpp
#include<iostream>
using namespace std;
class Point    {
Point()
 { cout<<"Constructor called";   }
};
int main()
{
Point t1;
return 0;
}
```
a) Constructor called
b) Compile time error
c) Run time error
d) Blank line

Answer

3.
```cpp
#include<stdio.h>
using namespace std;
int main()
{
for (int x = 10; x >= 0; x--)
 {
 int z = x & (x >> 1);
 if (z)
 printf("%d ", x);
 }
```

}
a) 7 6 3
b) 7 5 4
c) 6 7 8
d) 6 5 4

Answer

4. Where are placed the list of processes that are prepared to be executed and waiting?
a) Job queue
b) Ready queue
c) Execution queue
d) Process queue

Answer

5. Who among the following can block the running process?
a) Fork
b) Read
c) Down
d) All of these

Answer

6. Which of the following does not interrupt the running process?
a) Timer interrupt
b) Device
c) Power failure
d) Scheduler process

Answer

7. The \u0021 article referred to as a
a) Unicode escape sequence
b) Octal escape
c) Hexadecimal
d) Line feed

Answer

8. Which of the following is a valid declaration of a char?
a) char ch = '\utea';

b) char ca = 'tea';
c) char cr = \u0223;
d) char cc = '\itea';

9. Which of the following is a valid long literal?
a) ABH8097
b) L990023
c) 904423
d) 0xnf029L

10. What does the expression float a = 35 / 0 return?
a) 0
b) Not a Number
c) Infinity
d) Run time exception

11. Which option is false about the final keyword?
a) A final method cannot be overridden in its subclasses.
b) A final class cannot be extended.
c) A final class cannot extend other classes.
d) A final method can be inherited.

12. Construct post order Transversal for the constructed tree with the given In-Order and Preorder Traversals:
In-Order: 9 7 10 6 8
Pre-Order: 6 7 9 10 8
a) 9 10 7 8 6
b) 9 7 6 10 8
c) 8 9 10 7 6
d) 9 8 10 7 6

13. What will be the output of this program fragment?
int i = 263;
putchar(i);
a) prints 263
b) prints the ASCII equivalent of 263
c) rings the bell
d) prints garbage

14. What will be the output of this statement?
printf ("%d", 9/5);
a) 1.8
b) 1.0
c) 2.0
d) None of the these

15. What will be the output of this program?
```
#include<stdio.h>
int main() {
int i = 5;
printf("%d", i = ++i == 6);
 return 0;
}
```
a) 2
b) 6
c) 4
d) 1

16. Which of the following declarations is invalid in C language?
a) char *str = "campus monk is the best platform for learn";
b) char str[] = "campus monk is the best platform for learn";
c) char str[20] = "campus monk is the best platform for learn";
d) char[] str = "campus monk is the best platform for learn";

[Answer](#)

17. What will be the output of this
program?
```
#include<stdio.h>
enum flg{a, b, c};
enum glf{c, e, f};
main()
{
  enum flg h;
   h = b;
    printf("%d", h);
    return 0;
}
```
a) 1
b) error: redeclaration of an
enumerator
c) h
d) 3

[Answer](#)

18. What will be the output of this
program?
```
main ()
{
 if (5 < '5')
      printf("5")
 else
      printf(" NOT EQUAL TO 5.")

}
```
a) ENQ
b) 5
c) I
d) Not equal to 5

[Answer](#)

19. What will be the output of the
following pseudo code?
```
Input m = 9,n = 6,
m= m + 1;
n= n - 1;
m= m + n;
```

```
if(m>n)
print m
else
print n
```
a) 5
b) 7
c) 9
d) 12

[Answer](#)

20. What will be the output of the
following pseudocode?
```
Integer i
Set i = 3
do
print i + 3
i = i - 1
while(i not equals 0)
end while
```
a) 6 6 6
b) 6 5 6
c) 5 5 5
d) 6 5 4

[Answer](#)

21. If the sequence of operations are
performed on a stack, the sequence
of pop will be?
Push(1), Push(2), Pop(), Push(1),
Push(2), Pop(), Pop(), Pop(),
Push(2), Pop().
a) 2 2 1 1 2
b) 2 2 1 2 2
c) 2 1 2 2 1
d) 2 1 2 2 2

[Answer](#)

22. In an empty BST, insert the
following elements in a similar
sequence. Which element will be at
lowest level?
105   95   122   99   97   120
a) 95
b) 97
c) 99

d) 120

23. The concatenation of two lists is to be performed in O(1) time. Which of the following implementation of a list should be used?
a) Singly linked list
b) Doubly linked list
c) Circular doubly linked list
d) Array implementation of list

24. Which of the following sequence can be obtained in the output (in same order) using a stack assuming that the input is in the sequence 1,2,3,4,5 order?
a) 3,4,5,1,2
b) 3,4,5,2,1
c) 1,5,2,3,4
d) 5,4,3,1,2

25. Let A be a square matrix of size nxn. Consider the following program and state the output.
```
C=100
for i= 1 to n do
for j = 1 to n do
{
Temp = A[i][j] + C
A[i][j] = A [j][i]
A[j][i]= Temp – C
}for i = 1 to n do
for j = 1 to n do
Output (A[i][j]);
```
a) The matrix A itself
b) Transpose of matrix A
c) Adding 100 to the upper diagonal elements and subtracting 100 from diagonal elements of A
d) None of the above

26. The value of j at the end of the execution of the following pseudo code is ?
```
Integer incr(Integer i)
Static Integer count = 0
count = count +i
return count
Main()
Integer i,j
for(start i from 0 to 4)
j= incr(i)
end for
```
a) 10
b) 4
c) 6
d) 7

27. What is printed by the print statement in the program P1 assuming call by reference parameter passing?
```
program P1()
{
X = 10
Y = 3
Func1(Y,X,X)
Print X
Print Y
}
Func1(X,Y,Z)
{
Y= Y+4
Z= X+Y+Z
}
```
a) 10,3
b) 31,3
c) 27,7
d) None of these

28. The value returned by the following function for f(1) is?

```
int f(int n)
{
static int i =1;
if (n>=5) return n;
n=n + i ;
i++;
return f(n);
}
```

a) 5
b) 6
c) 7
d) 8

Answer

29. Find the output of the following pseudo code.

```
Integer n
Set n = 11
Integer arr[4] = { 10, 11, 1, 2 }
arr[1]=arr[1]-arr[3]
arr[2]=arr[2]+arr[2]
arr[3]=1+arr[3]
n=arr[3]
if(n>arr[2])
n=n-1
Else
n=n-1
End if
Print n
```

a) 7
b) 18
c) 22
d) 2

Answer

30. Find the output of the following pseudo code.

```
Integer x,y,z
Set x=9, y=2, z=1
if ( x+y > 8)
if ( 7> x+z)
z=7
End if
```

```
If ( 9> x-z)
z=9
End if
y=y+z+1
End if
Print x+y+z
```

a) 31
b) 11
c) 42
d) 30

Answer

31. Find the output of the following pseudo code.

```
Integer x,y,z
Set x=1, y=8,z=2
if ( x^y && x^y && x^y^z)
x=1
End if
Print x+y+z
```

a) 11
b) 13
c) 16
d) 9

Answer

32. Find the output of the following pseudo code.

```
Integer p,q,r
Set p=11, q=1, r=1
If(q^p > 2 || q>p)
If (p>q)
p=1
Else
q=10
End if
End if
Print p+q+r
```

a) 13
b) 10
c) 15
d) 3

Answer

33. Find the output of the following pseudo code:
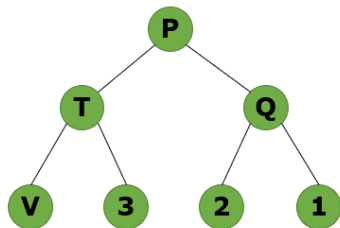Integer x, y, z
Set x=8,y=7, z=10
if ((x-y) > (y-x))
z= 7+y
if ((y+z) < (x-y))
y = 3 + x
End if
z= (4 ^ 11) & y
End if
Print x + y + z

a) 22
b) 24
c) 26
d) 28

34. Post order traversal of a tree is: V R T S U Q P Which of the following vertices will occupy positions 2 and 3?

a) S, R
b) F, G
c) U, T
d) X, Y

35. Which cannot be the number of vertices in a full binary tree?
a) 3
b) 7
c) 15
d) 30

36. Sam sorts an array by repeatedly swapping the adjacent elements if they are in wrong order. Identify the sorting technique used.
a) Merge Sort
b) Selection Sort
c) Bubble Sort
d) Insertion Sort

37. What will be the output of the following pseudocode?
Integer a, b, c
Set b = 10, a=1
If (0)
a = a – 1
else
a = b + 1
b = a – 1
a = a – 1
end if
print a

a) 3
b) 5
c) 10
d) 11

38. What will be the output of the following pseudocode?
Integer a
String str1
Set str1 = "momo"
For (each a from 1 to 2)
Str1 = str1 + "mm"
End for
Print (stringLength (str1))

a) 7
b) 4
c) 6
d) 8

39. Consider a stack of integers. The stack is allocated 7 memory cells:
STACK: 12, 34, 66, 79, _, _, _.
Now consider the following operations:
A. PUSH (STACK, 8)
B. PUSH (STAC, 54)
C. POP (STACK, ITEM)
The above operations should be performed in which of the following sequences, such that no overflow or underflow situation occurs:

1. B-> A-> C
2. A-> B-> C
3. C-> B-> A

a) Only 1
b) Any of them
c) Only 2
d) Only 3

Answer

40. Find the output of the following pseudo code, if function is called for x=1 and y=4.
Integer fun (Integer x, Integer y)
    If (y > x)
        return 1+ fun (x, y-1)
    End if
    return x + 1
End function fun()

a) 5
b) -15
c) 14
d) 22

Answer

41. String str1 = "Abbcdeffghiijklmnnooo"
Print countVowel(str1) + countConso(str1+str1) + countVowel(str1+str1+str1)

a) 49
b) 42
c) 56
d) 35

Answer

42. Find the output of the following pseudo code, if function is called for a=1 and b=4.
Integer fun (Integer a, Integer b)
    a = (a^a) & (a+a)
    b = (a^a) & (a+a)
    return a + b
End function fun()

a) 7
b) 8
c) 0
d) -5

Answer

43. Integer a, b, c
Set a =4, b=5, c= 3
B = 3 + c
a = b & a
c = c + b
a = a + b
Print a + b + c

a) 20
b) 25
c) 30
d) 35

Answer

44. For k= 3 || j=4
Integer func(integer k, integer j)
If (k equals 1 or k equals 0)
Return 1
Else
Return func(k-1, j-1) + func(k-2, j+3)
End if
End function func

a) 1
b) 2
c) 3
d) 4

Answer

45. Integer x,y,z
x = -3, y=0
If(y-2<2)
For(each z from 0 to(3-2))
x=x+(y-3)
End for
End if

If(1)
For(each z from 0 to(3-2))
x=x+(y+5)
End for
End if

Print x+y
a) 1
b) 2
c) 3
d) 4

Answer

46. #include<stdio.h>
int main()
{
int a = 11, b=4, c=3;
b!= !a;
c = !!a;
printf("%d %d", b,c);
return 0;
}
a) 1,1
b) 2,1
c) 3,1
d) 4,1

Answer

47. For a B- tree of order 6, to be a multi-way search tree, each non root node has at least how many Non empty Children?
a) 3
b) 4
c) 5
d) 6

Answer

48. Evaluate the given postfix expression: 1 2 + 3 * 4 2 - 3 1 + * -
a) 3
b) 1
c) 0
d) 2

Answer

49. If you are using bubble sort to sort the given numbers in ascending order, then find out the minimum number of swaps required.
10, 7, 5, 8, 9
a) 7
b) 6
c) 5
d) 4

Answer

50. Find out the array representation of the given min-heap, if the value 25 is inserted in it.

10,15,30,40,50,100

a) 10,15,25,50,40,100,30
b) 10,15, 25,40,50,100,30
c) 15,10,25,40,50,100,30
d) 10,15,25,40,50,30,100

Answer

51. Which of the following is not an array representation of max heap?
1. 31, 27, 23, 17, 13, 11
2. 10, 5, 3, 2, 4
3. 12, 15, 17, 18, 19
a) Only 1
b) Only 3
c) Only 2 and 3
d) Only 1 and 3

Answer

52. Integer a,b,c
Set a=7, b=7, c=4
For(each c from 4 to 7)
b=2+a
b=(b+11)+c
a=(4+8)+a
End for
a=4+a
Print a+b
a) 122
b) 127
c) 118
d) 131

Answer

53. What will be the output of following pseudocode?
function val: integer
return (0)
end-function
function main()
int x=val(10)
display x
end-function
a) 0
b) 1
c) 2
d) 3

Answer

54. What will be the output of following pseudocode?
Set integer y=0
for z=0 to 4-1 step1 do
display – y
end-for
a) -3 -1 -0 -2
b) -1 -3 -4 -2
c) -2 -4 -1 -0
d) -1 -2 -3 -4

Answer

55. What will be the output of following pseudocode?
for x=0 to 27%7 step 1 do

display x
end-for
a) 6453210
b) 0123456
c) 1265340
d) 0612354

Answer

56. What will be the output of following pseudocode?
Set integer array=[2,4,0,1,6,0]
Set integer res=[2]/array[4];
display res
a) 0
b) 1
c) 2
d) 3

Answer

57. What will be the output of following pseudocode?
while(1*1*1== 1*1*1)
display false
break
end-while
a) 4 False
b) 3 False
c) 2 False
d) 1 False

Answer

58. How many times will the loop execute?
for val=0 to 3 do
val=2*val
val- -
end-for
a) -1
b) 1
c) Infinite Loop
d) Infinite

Answer

59. What will be the output of following pseudocode?
Set integer a=1
Set integer b=-1
Set integer c=0
display (a or b and c)
a) 0
b) 1
c) 2
d) 3

Answer

60. What will be the output of following pseudocode?
for i=0 to 6/5 step 1 do
display i
end-for
a) 0 1
b) 1 2
c) 2 3
d) 3 4

Answer

61. Set integer m =3
Set integer n=5
Switch(m/m%n)
Case1: m=m-n
Case2: m=m+n
Case3: m=m*n
Case4: m=m/n
Default: m=m
End switch
Display m
a) 1
b) 2
c) 3
d) 4

Answer

62. What will be the output of the following pseudocode?
For i=0 to 4 do
If i==i+++- -I then do
display i
end - if

end – for
a) 0
b) 1
c) 2
d) 3

Answer

63. Integer pp, qq, rr

Set pp=3, qq=7, rr=8

pp = 9 +rr

If ((pp+rr) < (rr-pp)

qq = (qq + rr) +pp

End if

Print pp+qq+rr

a. 32
b. 34
c. 36
d. 38

Answer

64. Integer a, b, c

Set a=1, b=7, c=6

if((b-a) < (c+b))

c= 8+b

c= (a^7)+a

a= (c+b)^c

End if

Print a+b+c

a. 20
b. 21
c. 22
d. 23

Answer

Print a+b+c

a. 15
b. 16
c. 17
d. 18

Answer

65. Integer funn(integer a, integer b, integer c)

a=9, b=3, c=8

a=(5+7)+c

if((c^7) < (5+c))

a= 2+c

b=3+c

a=c+b

End if

Print a+b+c

a. 30
b. 31
c. 32
d. 33

Answer

68. Integer funn(integer a, integer b, integer c)

Set a=5, b=7, c=9

if((a+b)<c)

a= a+c

b= (c+a)+c

c= (9+9)+a

End if

Print a+b+c

a. 20
b. 21
c. 22
d. 23

Answer

66. Integer p, q, r

Set p=7, q=3, r=4

if(q>r && (q^3)<3)

q= (5+1)+r

End if

Print p+q+r

a. 11
b. 14
c. 19
d. 22

Answer

69. Integer p,q,r

Set p=9, q=6, r=8

For (each I from 3 to 6)

p= (p^r)+q

if((3+p+r)<(r-q))

p= 1+q

q= 2+q

End if

End for

Print p+q

67. Integer a,b,c

Set a=6, b=4, c=7

if(c<b || (9+5)<b)

b= (a+4)+c

c=(c+c)+a

End if

Answer

70.

71. For var 0 to 5 do

If var%2==0 and var/2==0 then do

Display var

End if

End for

a. 0
b. 1
c. 2
d. 3

Answer

72. What will be the output when num = 3 and values passed are 5,1,8

Set integer res=0

For c = 1 to num do

Input value

res+=value

- - res

End for

Display res

a. 10
b. 11
c. 12
d. 13

Answer

73. Set integer marks = 30

switch(marks)

Case 30: marks=25

Case 25: marks=20

Default: marks=50

Break

End switch

Display marks

a. 10
b. 30
c. 50
d. 70

Answer

74. public class Main

{

    public static void main(String[] args) {

        double n= 10;

        System.out.println(n/0);

    }

}

a. Error
b. Infinity
c. Exception
d. Zero

Answer

75. What makes java portable and secure?
a. Byte code
b. Source code
c. Applet
d. Spring bot

Answer

76. public class Main

{

    Public static void main(string[]args) {

    Int n= 257n;

        System.out.println(b);

    }

}

a. 1

b. -128
c. -1
d. 128

[Answer](#)

77. public class Main

{

Public static void main(String[]args) {

Int n=10;

System.out.print(n);

If(n==10)

{

N=20;

System.out.println(n);

}

}

a. 10 20 10
b. 10 20 20
c. 10 10 20
d. Error

[Answer](#)

78. public class Main

{

Public static void main(string[]args)

{

Int maximum = 10

System.out.println(''maximum'');

}

}

a. 10
b. Maximum
c. Error
d. Exception

[Answer](#)

79. public class Main {

public static void main(string[]args){

int I=1;

white(i==1)

System.out.println("i");

}

}

a. Infinite times 1
b. Infinite times i
c. i
d. 1

[Answer](#)

80. public class Main {

public static void main(string[]args){

int sum =0;

for(int i=0,j=0; i<5 && j<5; ++I,j=i+1)

sum+=i;

System.out.println(sum);

}

}

a. 10
b. 0 1 3 6
c. 6
d. None

[Answer](#)

81. public class Main {

public static void main(string[]args){

int sum =0;

for(int i=0,j=0; i<5 && j<5; ++i,j=i+1)

{

Sum= sum+=i;

```
        System.out.println(sum);

}

  }

}
```

a. 10
b. 0 1 3 6
c. 6
d. None

82. public class Main {

public static void main(string[]args) {

    int i;

    for(i=0,i++<=10;)

    System.out.println(i);

  }

}

a. 10
b. 1 2 3 4 5 6 7 8 9 10 11
c. Error
d. 1 2 3 4 5 6 7 8 9 10

83. Which of the following is not a part of binary operator?
a. Assignment operator
b. Arithmetic operator
c. Logical operator
d. Relational operator

84. Int a,b,c
    Set a=1 b=7 c=13
    c=(b+1)^a
    a=(5&2)&c
    a=(b+7)+b
    Print a+b+c

a. 32
b. 35
c. 37
d. 39

85. String strl="heee" str2="eh"
    Print
    countconso(substring(strl+str2,1,4)
)
a. 1
b. 2
c. 3
d. 4

86. How many times campus monk will be printed?
    Setk=1, p=4
    Int j=p+k/2
    If(j equals p)
    Print "campus monk"
    End if
    J=p+k/5
    If(j not equal p)
    Print "campus monk"
    end if
    Print"campus monk"
a. 1 time
b. 2 Time
c. 3 Time
d. 4 Time

87. Set f=9 k=55
    J=f+k/8
    If(j+1>8)
    f=f+1
    Else
    k=k+1
    Print f+k
a. 62
b. 65
c. 75
d. 75

88. What would the following pseudo code do?
```
Int x,y,z
If(x>=y AND x>=z)
Print x
End if
If(y>x Andy=z)
Print y
End if
If(z>=y AND z>=x)
Print z
End if
```
a. Find out the largest number
b. Find out the smallest number

89.
```
Int a,b,c
Set a=1, c=1
For(each b from(a&2)to(4&8))
b=b>>1
Print b+c
```
a. 1
b. 2
c. 3
d. 4

90.
```
Set m=1
Int a[3]={1,2,9}
For each j from 0 to 2
m=m^a[j]
Print m
```
a. 10
b. 11
c. 12
d. 13

91.
```
Set m=2
Int a[3]={1,1,3,1}
For each j from 1 to 3
m=m+a[i]
Print m
```

a. 5
b. 7
c. 9
d. 11

92.
```
Int count
for(each count from 0 to 9)
print("#")
if(count>6)
Continue
Print count
End for
```
a. 0123456###
b. 0123336###
c. 0121216###
d. 0000006###

93.
```
int main()
{
Int a=0;
a=5<2?4:3;
printf("%d",a);
```
a. 1
b. 2
c. 3
d. 4

94. find the output of the following code.

```
public class Main

{

public static void main(String[] args)

{

int $=5;

}

}
```
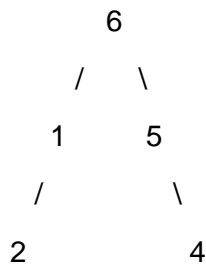
a. Nothing will be printed
b. Symbol not found error

c. Runtime error
d. Compile time error

[Answer](#)

95. John wants to go to different location of a city in which he is currently in. He has listed all of them. However, he wants to visit one location before visiting the other. What application of graph he uses to determine that location?

```
        6
      /   \
    1       5
   /         \
  2           4
```

a. DFS

b. BFS

c. Djikstra's algorithm

d. Topological sorting

[Answer](#)

96. Which among the following is a server-based model?
a. Request for information
b. Cloud computing
c. Total cost of ownership
d. Data validation routine

[Answer](#)

97. Which of the following data structure is used to convert expression from one form to another?
a. Graph
b. Stack
c. Linked list
d. Queue

[Answer](#)

98. what is the output of the following code?
class Main()

{

public static void main(String args[])

{

int i, j, x=0;

for(i=0; i<5; i++)

for(j=0; j<5; j++)

{

x=(1+j-1)

System.out.print(x);

break;

}

}

System.out.print(x);

}

a. -1,1,2,3,4
b. 1,2,3,4,4
c. 0,1,2,3,4,5
d. 1,1,2,2,0

[Answer](#)
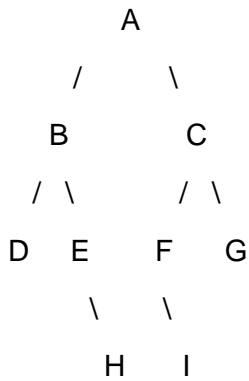
99. Find the postfix of the given Infix expression:
11+20/5*(20-15)^6^5
a. 11 20 5/20 15-6^5^*+
b. 11 21 5/20 15+6^5^*-
c. 11 22 5/20 15-6^5^*-
d. 20 11 5/20 15+5^6^*+

[Answer](#)

100. Find the pre order of the given tree.

```
            A
          /   \
        B       C
       / \     / \
      D   E   F   G
           \   \
            H   I
```

a. ABDEHCFIG
b. BASUEKDHS
c. AABBLIKDMSD
d. CAMPUSMONK

Answer

101. Which combination of integer variables a, b and c makes the variable m get the value 4 in the following expression?
m= (a>b)?((a>c)?a:c):((b>c)?b:c)

a. a=6, b=3, c=5
b. a=6, b=5, C=3
c. a=5, b=4, c=5
d. a=3, b=4, C=2

Answer

102. what is the mathematical function used to round off 6.23 to 7?

a. floor(6.23)
b. ceil(6.23,7)
c. floor(6.23,7)
d. ceil(6.23)

Answer

103. Find the output of the following code.
public class Main

{

public static void main(String args[])

{

int x=$^1/_2$;

if(x==0.5)

System.out.print(x+1);

System.out.print(x*2);

}

}

a. 1.5
b. 1
c. 0
d. Error

Answer

104. Find the output of the code snippet.
```c
#include <stdio.h>
void f()
{
static int i;
++I;
printf("%d", i);

int main()

{

f();

f();

 f();

}
```

a. 1 1 1
b. 0 0 0
c. 3 2 1
d. 1 2 3

Answer

105. Find the output of the code snippet.
```
Integer fun(int a, int b)
If (a && b)
Return a + fun(a-1, b-1)
End if
```

Return 0
End function fun()
a. 9
b. 4
c. 5
d. 13

[Answer](#)

106. Find the output of the code snippet.
Integer n
Set n = 11
Integer arr[4]={10,11,1,12}
Arr[1]= arr[1]-arr[3]
arr[2]=arr[2]+arr[2]
arr[3]=1+arr[3]
n=arr[3]
If(n>arr[2])
n=n-1
Else
n=n-1
End if
Print n
a. 7
b. 8
c. 22
d. 12

[Answer](#)

107. Find the output of the code snippet.
Integer x,y,z
Set x=1, y=8, z=2
If(x^y && x^y && x^y^z)
x=1
End if
Print x+y+z
a. 11
b. 13
c. 16
d. 9

[Answer](#)

108. Find the output of the code snippet. int main()

{
int m=100;
{
int m;
for (m=0;m<25;m++)
}
printf("%d",m);
}
a. 24
b. 25
c. 100
d. Depends on compiler

[Answer](#)

109. Find out how many times will "hi" be printed.
main()
{
int I=0;
do
{
i++;
print("hi\n");
}
while(i<2020);
}
a. 1 time
b. 2019 times
c. 2021 times
d. 2020 times

[Answer](#)

110. how many times will "abc" be printed.
main()

{

int x;

for(x=-1; x<=10; x++)

{

if(x<5)

```
continue;

else

break;

printf("abc\n");

}

}
```

a. Infinite times
b. 11 times
c. 0 times
d. 10 times

111. Find the output of the code snippet.
```
#include<stdio.h>
int main()
{
int i=0;
for (; i<=5; i++);
printf("%d", i);
return 0;
}
```
a. 5
b. 0 1 2 3 4 5
c. 6
d. 0 1 2 3 4

112. Find the output of the code snippet.

```
#include<stdio.h>

int main()

{

unsigned int i=65535;

while(i++ != 0)

printf("%d", ++i);

return 0;

}
```

a. No output printed
b. 012 3 65535
c. 012 3........32767 -32767 -32765..............10
d. Inifinite loop

113. Find the output of the code snippet.
```
int main()
{
int a=500,b=100, c;
if(!a>=400)
b=300;
c=200;
printf("%d%d",b,c);
return 0;
}
```
a. 300 200
b. 100 200
c. 100 Garbage value
d. 300 Garbage value

114. Evaluate the postfix expression.
6523+8*+3+*
a. 312
b. 288
c. 302
d. 298

115. Seven elements A,B,C,D,E,F and G are pushed onto a stack in reverse order i.e. starting from G. the stack is popped five times and each element inserted into a queue. Two elements are deleted from queue & pushed back onto stack. Now one element is popped from stack. Which is the last popped element?
a. A
b. B
c. E

d. D

b. ++A*BCD
c. *+AB+CD
d. ABC*+D+

116. If the sequence of operations are performed on a stack, the sequence of pop will be? Push(1), Push(2), Pop(), Push(1), Push(2), Pop(), Pop(), Push(2), Pop().
  - a. 2 2 1 1 2
  - b. 2 2 1 2 2
  - c. 2 1 2 2 1
  - d. 2 1 2 2 1

117. Consider the following operations performed on a stack of size 5. Push(a), Pop(), Push(b), Push(c), Pop(), Push(d), Pop(), Pop(), Push(e) Which of the following statements is correct?
a. Underflow occurs
b. Stack operations are performed smoothly
c. Overflow occurs
d. None

118. Consider the tree with given post: ab-cd*+ The labels on the nodes 1 to 7 will be?2

```
        1
       / \
      2   3
     / \ / \
    4  5 6  7
```

  - a. a, -, b, *, c, +, d
  - b. +, -, *, a, b, c, d
  - c. a, b, c, d, -, *, +
  - d. -, a, b, +, *, c, d

119. Convert the following infix expression into prefix expression. Infix expression: (A+B)*(C+D)
  - a. AB+CD+*

120. Which of the following relation is correct for a binary search tree?
  - a. Parent node> Right node> Left node
  - b. Right node> Parent node> Left node
  - c. Right node> Left node> Right node
  - d. Parent node> Left node> Right node

121. In an empty BST, insert the following elements in a similar sequence. Which element will be at lowest level?
105 95 122 99 97 120
  - a. 95
  - b. 97
  - c. 99
  - d. 120

122. Find the output of the pseudo code. Integer a, b, c
Set a=5, b=3
For(each c from b to a)
If (a)
a=a-1 n

End if

If(b)

b =b-1

End if

End for

Print a+b

  - a. 4
  - b. 6

c. 8
d. 1

b. 10
c. 2
d. 5

123. find the output.

Integer a, b, c

Set b=10, a=20, c=20

a=a-c

c=c-a

Print b+c

a. 30
b. 20
c. 40
d. 50

124. Find the output.
Integer a, b, c, s
Set a=16, b=23, c=7
S = (a+b)&&(a-b) | | (a*c)
If(a not equals 0)
Print s+a-b*c
Else
Print s+s
End if

a. -23
b. 144
c. -144
d. 23

125. Find the output of the
following code.
a= 4, b=6
Integer funn(Integer a, Integer b)
If(a>2)
If(b>2)
Return at+b+funn(a+1, b-5)
End if
End if
Return a-b
End function funn()
a. 14

126. Find the output of the
following code.
Integer a, b, c, d, e
Set a=20, b=9, c=88, d=30
e=c mod a
a=a+b+e
d=c mod a
Print d

a. 0
b. 37
c. 14
d. 12

127. Find the output of the
following code.
Integer a, b, c, sum
Set sum= a+b+c
If((sum EQUALS 180)and (a NOT
EQUALS 0) and (b NOT EQUALS
0) and (c EQUALS 0))
Print "Success"
Else
Print "Fail"
End If

a. Success
b. Fail
c. 0
d. 1

128. Find the output of the
following code.
Integer x, y, Z .
Set x=9, y=2, z=1
If (x+y>8)
If (7>x+z)
z=7
End if
If (9>x-z)
z=9
End if
y=y+z+1
End if

Print x+y+z
a. 31
b. 11
c. 42
d. 30

Answer

129. Find the output of the following code.
```c
int main()
{
int y = 128;
const int x=y;
y=120;
printf("%d\n", x);
return 0;
}
```
a. 0
b. 128
c. Garbage Value
d. Error

Answer

130. Find the output of the following code.
```c
#include<stdio.h>
int main()
{
int x=2,y=0;
int Z=(y++)?y==1&&x :0;
printf("%d\n",z);
return 0;
}
```
a. 0
b. 1
c. Garbage Value
d. Error

Answer

131. Find the output of the following code.
```c
#includex<stdio.h>
int main()
{
Printf("\\n");
```

return 0;

}

a. \\n
b. \n
c. Error
d. n

Answer

132. Find the complete of the following code where the output is 8,14.
```c
#include<stdio.h>
int main()
{
int p=6, q=6;
intr=6*(_____);
printf ("%d%d", p,r);
return 0;
}
```
a. (p + q + p++)
b. (p++ + q + p)
c. (p++ +q + p++)
d. none

Answer

133. Find the output of the following code.
```c
#include<stdio.h>
int main(void)
{
int i;
for(int j=0; j<1; j++)
{
if(i==0,1)
{
printf("Be a programmer");
}
else
{
printf("Learning c");
}
}
printf("%d\n", ++i);
return 0;
}
```
a. Be a programmer1
b. Be a programmer0

c. Learning c1
d. Learning c0

Answer

134.   Which of the following cannot be checked in a switch case statement?
  a. Char
  b. Float
  c. Int
  d. Enum

Answer

135.   find the output of the following code.
```c
int main()
{
char ch;
if(ch = printf(" "))
printf("No Output\n");
else
printf("Output\n");
return 0;
}
```
a. No Output
b. Output
c. No Output Output
d. Error

Answer

136.   find the output of the following code.
```c
#include<stdio.h>
int main(void)
{
int a=10, x;
X= a-- + +445
printf ("%d",x);
return 0;
}
```
a. 19
b. 20
c. 22
d. 23

Answer

137.   find the output of the following code.
```c
#include<stdio.h>
void main()
{
int a=12, b=39
printf("%d", a&b);
}
```
a. 468
b. 1
c. 4
d. Error

Answer

138.   find the output of the following code.
```c
#include<stdio.h>
void main()
{
int x;
printf("%d\n, 4%3);
printf("%d\n, 4%-3);
printf("%d\n, -4%3);
printf("%d\n, -4%-3);
return 0;
}
```
a. 1 1 -1 -1
b. 1 -1 1 -1
c. 1 -1 -1 1
d. 1 -1 -1 -1

Answer

139.   find the output of the following code.
```c
#include<stdio.h>
void main()
{
int a=30, b=40, x;
x=(a!=10)&&(b=50);
printf("x=%d\n", x);
return 0;
}
```
a. 1
b. 0
c. Depends on compiler
d. Garbage value

Answer

140. find the output of the following code.
```
#include<iostream>
using namespace std;
int main()
{
int k=12,n=30;
k=(k>5 && n =4 ? 100 : 200);
cout<<"k="<<k;
}
```
a. k=1
b. k=0
c. k=100
d. error

Answer

141. find the output of the following code.
```
#include<stdio.h>
void main()
{
int i;
for( i=1;i<5;i++)
{
if(i<=3)
continue;
printf ("Hi %d", i);
}
}
```
a. HiHiHi123
b. Hi5
c. Hi4
d. Hi4Hi5

Answer

142. find the output of the following code.
```
#include<stdio.h>
void main()
{
int x=91;
X >>= 2;
printf("%d\n",x);
}
```
a. 182
b. 91
c. 22

d. 45

Answer

143. find the output of the following code.
```
#include<stdio.h>
void main()
{
int a=10;
if( a == 010)
printf ("BCA");
else
printf ("Btech");
}
```
a. BCA
b. Btech
c. 10
d. Error

Answer

144. What is the value of 587.671%2?
a. 0
b. 293
c. 293.835
d. Error

Answer

145. why is the main () in java static?
a. JVM can't create objects
b. main() can't be changed
c. Class has the access to main
d. Objects can directly access the main()

Answer

Answer

1.C   2.B   3. A   4.B   5. D   6.D   7.A   8.A   9. D   10.C   11.C&D

12.A   13.C   14.D   15.D   16.D   17.B   18.B   19.A   20.D   21.A   22.B   23.C

24.B   25.A   26.A   27.B   28.C   29.D   30.D   31.A   32.A   33.A   34.A   35.D

36.C   37.C   38.D   39.B   40.A   41.C   42.C   43.B   44.C   45.A   46.D   47.A

48.B   49.B   50.B   51.B   52.A   53.A   54.D   55.B   56.A   57.D   58.C   59.B

60.A   61.C   62.A   63.A   64.D   65.B   66.B   67.C   68.B   69.Ans in link   70.A

71.B   72.C   73.B   74.A   75.A   76.A   77.B   78.B   79.B   80.A   81.D   82.B

83.A   84.C   85.B   86.B   87.B   88.A   89.A   90.B   91.B   92.A   93.C   94.A

95.C   96.B   97.B   98.A   99.A   100.A   101.D   102.D   103.C   104.D   105.B   106.D

107.A   108.C   109.D   110.C   111.C   112.D   113.B   114.B   115.B   116.B   117.B   118.B

119.C   120.B   121.B   122.A   123.A   124.C   125.A   126.C   127.B   128.D   129.B   130.A

131.B   132.C   133.A   134.B   135.B   136.B   137.C   138.A   139.A   140.D   141.C   142.C

143.B   144.D   145.A