** DeerCoders Season 8 – Session 4**

1. **What is void(\*) 0 ?**
2. Representation of Null Pointer
3. Representation of void pointer
4. Error
5. None of above
6. **If a variable is a pointer to a structure, then which of the following operator is used to access data members of the structure through the pointer variable?**
7. .
8. &
9. \*
10. ->
11. **What would be the equivalent pointer expression for referring the array element a[i][j][k][l]** **?**
12. ((((a+i)+j)+k)+l)
13. \*(\*(\*(\*(a+i)+j)+k)+l)
14. (((a+i)+j)+k+l)
15. ((a+i)+j+k+l)
16. **A pointer is**
17. A keyword used to create variables
18. A variable that stores address of an instruction
19. A variable that stores address of other variable
20. All of the above
21. **What will happen if in a C program you assign a value to an array element whose subscript exceeds the size of array?**
22. The element will be set to 0.
23. The compiler would report an error.
24. The program may crash if some important data gets overwritten.
25. The array size would appropriately grow.
26. **How will you free the allocated** **memory?**
27. remove(var-name);
28. free(var-name);
29. delete(var-name);
30. dalloc(var-name);
31. **What is the output of this C code?**

#include<stdio.h>

int main()

{

int a=0,i=0,b;

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

{

a++;

if(i==3)

break;

}

printf("%d",a);

}

* 1. 1
  2. 2
  3. 3
  4. 4

1. **The C-preprocessors are specified with ………… symbol**
   1. #
   2. $
   3. “ “
   4. None of the mentioned
2. **Applications of multidimensional array are**
   * 1. Matrix-Multiplication
     2. Minimum Spanning tree
     3. Finding connectivity between nodes
     4. All of the mentioned
3. **Which of the following cannot be static in C?**
4. Variables
5. Functions
6. Structure
7. None of the mentioned
8. **Predict the data type of following mathematical operation?**  
   2 \* 9 + 3 / 2.0
   1. Int
   2. Long
   3. Float
   4. Double
9. **Which of the following is a correct format for function declaration?**
   1. Return-type function-name(argument type)
   2. Return-type function-name(argument type) {}
   3. Return-type (argument type)function name
   4. Both a and b
10. **Select the odd one out with respect to type?**
    1. Char
    2. Int
    3. Long
    4. Float
11. **In a 32 bit compiler, which 2 types have same size?**
    1. Char and short
    2. Short and int
    3. Int and float
    4. Float and double
12. **Strcat() function adds null character**
    1. Only if there is space
    2. Always
    3. Depends on the standard
    4. Depends on the compiler
13. **What is the default return-type of getchar()?**
    1. Char
    2. Int
    3. Char \*
    4. Reading character doesn’t require a return type
14. **Modulus for float could be achieved by?**
    1. A%b;
    2. Modulus(a,b);
    3. Fmod(a,b);
    4. Mod(a,b);
15. **Which of the following function declaration is illegal?**
    1. Int 1bhk(int);
    2. Int 1bhk(int a);
    3. Int 2bhk(int\*, int []);
    4. All of the above mentioned
16. **The keyword used to transfer control from a function back to the calling function?**
17. Goto
18. Return
19. Get()
20. Transfer
21. **In C, if you pass an array as an argument to a function, what actually gets passed?**
22. Value of element in array
23. First element of array
24. Base address of array
25. Address of last element of array

Answers:

1. A
2. D
3. B
4. C
5. C
6. B
7. D
8. A
9. D
10. D
11. D
12. A
13. D
14. C
15. B
16. B
17. C
18. D
19. B
20. C