Code Marshal MCQ Round Review

### Question 1. #include<stdio.h> int main() { int a = 5; int \*ptr ; ptr = &a; \*ptr = \*ptr \* 3; printf("%d", a); return 0; } What will be the output of the code?

A. 300

B. 15

C. Garbage Value

D. None of the above

Correct answers : B

Your answer : A

### Question 2. #include <stdio.h> int main() { int a = 1, b = 1, c; c = a++ + b; printf("%d, %d", a, b); } What will be the output?

A. a = 1, b = 1

B. a = 2, b = 1

C. a = 1, b = 2

D. a = 2, b = 2

Correct answers : B

Your answer : B

### Question 3. For which of the following, “PI++;” code will fail?

A. #define PI 3.14

B. char \*PI = “A”;

C. float PI = 3.14;

D. None of the above

Correct answers : A

Your answer : A

### Question 4. Choose a correct statement about arrays in C

A. An array address is the address of first element of array itself

B. An array size must be declared if not initialized immediately

C. Array size is the sum of sizes of all elements of the array

D. All of the above

Correct answers : D

Your answer : D

### Question 5. What is the index of command-line argument count (argc)?

A. 0

B. 1

C. -1

D. None of the above

Correct answers : B

Your answer : B

### Question 6. What is the output of C Program? int main() { int a=0; a = printf("4"); printf("%d",a); return 0; }

A. 04

B. Compiler Error

C. 41

D. 14

Correct answers : C

Your answer : C

### Question 7. What is the output of C program with structures pointers? int main() { struct forest { int trees; int animals; }F1,\*F2; F1.trees=1000; F1.animals=20; F2=&F1; printf("%d ",F2.animals); return 0; }

A. 0

B. 20

C. Compiler Error

D. None of the above

Correct answers : C

Your answer : B

### Question 8. What is the output of C program? int main() { int a=123456; printf("\*%03d\*",a); return 0; }

A. \*123\*

B. \*6123\*

C. \*123456\*

D. \*012345\*

Correct answers : C

Your answer : C

### Question 9. What is the result of (00110000>>2)?

A. 11000000

B. 00001100

C. 01100000

D. 11001111

Correct answers : B

Your answer : B

### Question 10. What would be the equivalent pointer expression for referring the array element a[i][j][k][l]?

A. ((((a+i)+j)+k)+l)

B. \*(\*(\*(\*(a+i)+j)+k)+l)

C. (((a+i)+j)+k+l)

D. ((a+i)+j+k+l)

Correct answers : B

Your answer : B

### Question 11. What will be the output of the following C++ code? #include<iostream> using namespace std; int x = 1; int main() { int x = 2; { int x = 3; cout << ::x << endl; } return 0; }

A. 1

B. 2

C. 3

D. 123

Correct answers : A

Your answer : B

### Question 12. What is the size of a character literal in C and C++?

A. 4 and 1

B. 1 and 4

C. 1 and 1

D. 4 and 4

Correct answers : A

Your answer : A

### Question 13. What will be the output of the following C++ code? #include <iostream> int const s=9; int main() { std::cout << s; return 0; }

A. 9

B. Garbage value

C. Error

D. Segmentation fault

Correct answers : A

Your answer : B

### Question 14. How to stop Name Mangling in C++?

A. It is not possible

B. It is possible only with C code

C. By using extern "C" keyword

D. By Converting C++ code to C

Correct answers : C

Your answer : C

### Question 15. When a class is defined inside any function or block, it is called \_\_\_\_\_\_\_\_\_\_\_ .

A. Nested class

B. Block class

C. Local class

D. It is not possible

Correct answers : C

Your answer : C

### Question 16. Which of the following has the second highest position in order of precendence?

A. &

B. ^

C. |

D. All of the above

Correct answers : B

Your answer : B

### Question 17. What will happen when a programs throws any other type of exception other than specified?

A. terminate

B. arise an error

C. run

D. throw

Correct answers : B

Your answer : A

### Question 18. Which is dependent on template parameter?

A. base class

B. abstract class

C. method

D. static class

Correct answers : A

Your answer : C

### Question 19. What is the meaning of the following declaration? int(\*ptr[5])();

A. ptr is pointer to function

B. ptr is array of pointer to function

C. ptr is pointer to such function which return type is array

D. ptr is pointer to array of function

Correct answers : B

Your answer : B

### Question 20. Which keyword is used to define the macros in C++?

A. macro

B. define

C. #define

D. #macro

Correct answers : C

Your answer : C