1) Return type of a function that does not return any value must be ________. Select correct option:
- char
- int
- void
- double

2) A function’s prototype is written __________ the function call. Select correct option:
- After
- Before
- With
- At the end of

3) What will be the size of the following character array? char name[] = “Adeel”; Select correct option:
- 5
- 6
- 4
- 7

4) In switch statement there can be ________ default statements. Select correct option:
- 1
- 2
- 3
- 4

5) ________ will be used for enclosing function statements into a block. Select correct option:
- " "
- ()
6) From following; which one is the correct syntax of an array initialize: Array size is 10 and it is of double data type to value 0? 
Select correct option:
arr[10] = {0.0};
double arr[10] = 0.0;
**double arr[10] = {0.0};**
double arr[] = 0.0;

7) Which of the function call is call by value for the following function prototype? float add(int); Select correct option:
add(&x); Select correct option:
add(x);
**add(x);**
add(int x);
add(*x);

8) A function is a block of statements that can be defined once and used ________ in the program.
one time
2 time
three time
as many times as user wants

9) What will be the size of following array? int arr[29]
0
30
29
18

10) Which of the following function call is “call by reference” for the following function prototype? int add (int *)
add(&x);
add(int x);
add(x);
add(*x); *

11) The string in the array is terminated by a ________
12) If statement is used to terminate the processing of a particular case and exit from switch structure.

if
 goto
 break
 continue
 break i think

13) will be used for enclosing function statements into a block.

""
 ()
 [ ]
 { } *

14) Default mechanism of calling a function by passing it array is call by _______ and in case of passing variable is call by _______
  Reference, Reference
  Reference, value *
  Value, Reference
  Value, Value

15) What is the output of the following code, if the first case is true switch (var) { case ‘a’: cout”apple”endl; case ‘b’: cout”banana”endl; case ‘m’: cout”mango”endl; default: cout”any fruit”endl; }
  apple
  apple anyfruit
  apple banana mango *
  none of above

16) Null character is represented by _________ in C++.

/0
\0 *
\n
\t
17) The string in the array is terminated by a _______
zero
nil
null
one

18) We can define a matrix as__________ array.
Sorted
Unsorted
Single dimensional
Multi dimensional *

19) __________ character is used to indicate the end of the string.
string
New line *
Blank space
Null

20) In call by reference, __________ of a variable is passed to the called function.
Name
Data type *
Value
Address

21) A function’s prototype is written __________the function call.
After
Before *

22) Characters of a string stored in an array can be accessed directly using array ________.
Manipulation *
Superscript
Postscript
Subscript

23) Null character is used to indicate the __________ of string.
start
end *
begin
middle

24) If an array has 50 elements, what is allowable range of subscripts?
0 – 49 *
1 – 49
25) Return type of a function that does not return any value must be _______.
char
int
void *

26) What is the output of the following code if the 3rd case is true
switch (var) {
    case ‘a’: cout”apple”endl; case ‘b’: cout”banana”endl; case ‘m’: cout”mango”endl; default: cout”any fruit”endl; }
mango *
mango any fruit
apple

1. What is the correct syntax to declare an array of 15 elements of type float?
   array [15] float

2. From the following; which one is the range of Random number generator function rand()? (0 and 32767) Ans
   (0 and 32767) Ans

3 When No. of repetition is known then we use the _______ structure to perform repetition tasks (while loop) Ans
   (while loop) Ans

4 Loops are ______________ Structure (Repetition) Ans
   (Repetition) Ans

5 When the break statement is encountered in a loop’s body, it transfers the control _______ from the current loop.
   (When a break statement is encountered in a loop, the loop terminates immediately. The control exits the inner most loop if there are nested loop) ans
   (When a break statement is encountered in a loop, the loop terminates immediately. The control exits the inner most loop if there are nested loop) ans

6. By default, the starting index of an array in C++ is _______ (zero) Ans (starting point is zero and ending point is less than one)
   (zero) Ans

7. A while loop may execute _______ or more times. (Zero) Ans
   (Zero) Ans

8. In C/C++, by default arguments are passed by _______ to a function (value) I think value but not confirmed
   value

9. If we pass more than one arguments to a function then they are separated by __________.
   Comma ,
10: Which of the following function call is “call by reference” for the following function prototype? int add (int *);
   add(*x);

11: __________ statement is used to terminate the processing of a particular case and exit from switch structure.
   if

12: What is the output of the following code if the 3rd case is true switch (var) { case ‘a’: cout“apple”endl; case ‘b’: cout“banana”endl; case ‘m’: cout“mango”endl; default: cout“any fruit”endl; }
   mango
   any fruit

13: How many times the following do-while loop will execute? int k = 10; do { cout "Statements" endl; k -= 2; } while(k>0);

14: Using a segment of source code again by adding new functionalities with slight or no modification is termed as ___________.
   Code modification

15: While loop becomes infinite in which scenario ________.
   When the condition is always False

16: __________ are used to compile the code.
   compiler

17: In do while loop the condition is checked __________ one execution of loop.
   after

18: Which of the following will be the most appropriate data type to store the value 63.547?
   Float

19: The result of 4%3 will be

20: It is the job of ________ to transfer the executable code from hard disk to main memory.
   Loader

21: Compiler translates high level language program into _________ language code
   Machine

22: In call by reference,__________ of a variable is passed to the called function.
   address

23  What will be the output of the following while loop? int counter = 0 ; while(counter < 15)
cout counter " "; counter++;

Compile time error

24: _____ Loop executes atleast one times.
   do while

25: In which language the compiler of C language is written? C

26: According to c++ norms; the first character of a variable name must be an alphabet or
    Special character