

CLA1-18CSS101J-PPS

* Required

Part-A(25*1=25 Marks)

Answer all questions-MCQ

1.To represent process flow, which of the following is used? *

- ☐ c) Circle
- ☐ b) Diamond
- ☐ d) Parallelogram
- ☒ a) Rectangle

2.In the below mentioned operators, which of the following has the highest precedence? *

- ☐ d) ==
- ☐ b) *
- ☐ c) >=
- ☒ a) Unary +



3. Which of the following is a valid assignment operator? *

- ☐ a) +=
- ☐ c) *=
- ☒ d) All of the mentioned
- ☐ b) -=

4. *

Give the correct answer for the following C code?

```
#include <stdio.h>
void main()
{
    int x = 4, y, z;
    y = --x;
    z = x--;
    printf("%d%d%d", x, y, z);
}
```

- ☒ a) 233
- ☐ b) 223
- ☐ a) 323
- ☐ c) 322

5. Mention the variable name which is not valid in C ? *

- ☐ c) int variable_count;
- ☒ d) int \$main;
- ☐ b) float rate;
- ☐ a) int number;



6. Which is not a basic data type? *

- ☐ d) char
- ☒ c) real
- ☐ a) float
- ☐ b) int

7.Name the entities whose values can be changed? *

- ☐ c) Modules
- ☐ d) Tokens
- ☒ b) Variabes
- ☐ a) Constants

8.Name the father of C Language *

- ☒ c) Dennis Ritchie
- ☐ a) James
- ☐ Dr.E.F.Codd
- ☐ d) Bjarne Stroustrup



9. Which among the following options is true for the variable names in C? *

- ☐ a) They can contain alphanumeric characters as well as special characters
- ☒ b) It is not an error to declare a variable to be one of the keywords (like goto, static)
- ☐ d) Variable can be of any length
- ☐ c) Variable names can't start with a digit

10. Which of the following can never be a variable name in C? *

- ☒ a) friend
- ☐ c) %number
- ☐ d) export
- ☐ b) value_ab

11. What is short int in C programming? *

- ☐ a) Basic datatype of C
- ☒ c) short is the qualifier and int is the basic data type
- ☐ d) All of the mentioned
- ☐ b) Qualifier



12. An algorithm is not *

- ☐ C. Description of a process independent of any programming language.
- ☐ B. Ordered sequence of steps
- ☒ D. Infinite number of steps
- ☐ A. a set of instructions used for solving problems in a step-by-step manner

13. *

13. Output of this C code is ?

```
int main()
{
    char chr;
    chr = 128;
    printf("%d\n", chr);
    return 0;
}
```

- ☐ c) Depends on the compiler
- ☒ b) - 128
- ☐ a) 128
- ☐ d) Runtime error

14. Which of the following is not a storage class in C? *

- ☐ c) external storage class
- ☒ d) internal storage class
- ☐ b) register storage class
- ☐ a) automatic storage class



15. Single line comments are denoted by _____. *

- ☐ b) \\\
- ☐ c) /*
- ☒ a) //
- ☐ d) */

16. Many features of C were derived from an earlier language called _____. *

- ☒ c) B
- ☐ b) BASIC
- ☐ d) PASCAL
- ☐ a) FORTRAN

17. Name the method which uses a list of well-defined instructions to complete a task. *

- ☐ b) Flowchart
- ☒ a) Algorithm
- ☐ d) Functions
- ☐ c) Programs



18. What will be the output of the following pseudocode *

```
Integer a, b  
Set a = 15, b = 7  
a = a mod (a - 3)  
b = b mod (b - 3)  
a = a mod 1  
b = b mod 1  
Print a + b
```

- ☒ c) 2
- ☐ a) 15
- ☐ d) 0
- ☐ b) 7

19. Resolving errors in a program is known as... *

- ☐ b) Refixing
- ☐ c) Error Checking
- ☒ a) Debugging
- ☐ d) Problem Solving

20. C Programming was created at ? *

- ☐ d) Haward University
- ☐ c) L&T Laboratory
- ☐ a) MIT University
- ☒ b) AT&T Bell Laboratory



21. A box that can represent two different conditions *

- ☐ a) Rectangle
- ☐ d) Parallelogram
- ☒ b) Diamond
- ☐ c) Circle

22.What is the output of this statement `printf("%d", (p++))`? *

- ☐ a) value of (p+1)
- ☐ d) Error.
- ☒ b) current value of p
- ☐ c) garbage value

23.Find the output of the program? `void main(){int n=5;float n=5;printf("%d",x);}` *

- ☐ d) 5.1
- ☒ c) Compilation Error
- ☐ a) 5
- ☐ b) 5.000000



24. *

24. What will this program print?

```
main()
{
    int i = 2;
    {
        int i = 4, j = 5;
        printf("%d %d", i, j);
    }
    printf("%d %d", i, j);
}
```

- ☐ c) 4545
- ☐ d) 5454
- ☐ b) 2525
- ☒ a) 4525

25. How many bytes does "int = D" use? *

- ☒ c) 2 or 4
- ☐ b) 1
- ☐ d) 8
- ☐ a) 16

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