

# CMR Engineering College

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## 2022-26\_I\_CS\_B\_C Programming Lab

### C PROGRAMMING LAB\_MCQ TEST\_BASICS

Attempt : 1  
Total Mark : 30  
Marks Obtained : 22

#### Section 1 : MCQ

1. #include are \_\_\_\_\_ files and #include "somefile.h" \_\_\_\_\_ files.

**Answer**

Library, user-created header

**Status : Wrong**

**Marks : 0/1**

2. Which of the following special symbol allowed in a variable name?

**Answer**

\_ (underscore)

**Status : Correct**

**Marks : 1/1**

3. What is the difference in the ASCII value of capital and non-capital of the same letter is?

**Answer**

32

**Status :** Correct

**Marks :** 1/1

4. .... are explicitly reserved identifiers and cannot be used as names for the program variables or other user defined program elements.

**Answer**

Keywords

**Status :** Correct

**Marks :** 1/1

5. What is the output of this C code?

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
printf("C programming %s", "Class by\n%s Placementseason", "WOW");
```

```
}
```

**Answer**

C programming Class by\n%s Placementseason

**Status :** Wrong

**Marks :** 0/1

6. How would you round off a value from 4.77 to 5.0?

**Answer**

```
ceil(4.77)
```

**Status :** Correct

**Marks :** 1/1

7. Which is valid C expression?

**Answer**

```
int my_num = 100000;
```

**Status :** Correct

**Marks :** 1/1

8. Which of the following is not a valid C variable name?

**Answer**

int \$main;

**Status :** Correct

**Marks :** 1/1

9. Which of the following is true for variable names in C?

**Answer**

Variable names cannot start with a digit

**Status :** Correct

**Marks :** 1/1

10. How would you round off a value from 1.66 to 2.0?

**Answer**

ceil(1.66)

**Status :** Correct

**Marks :** 1/1

11. What will be the answer of the code?

```
int main()
```

```
{
```

```
int a= 1,b=2, c=3;
```

```
printf("%d %d %d ");
```

```
return 0;
```

```
}
```

**Answer**

Garbage value

Status : **Wrong**

Marks : 0/1

12. What is the size of an int data type?

**Answer**

4 Bytes

Status : **Wrong**

Marks : 0/1

13. The format identifier '%i' is also used for \_\_\_\_ data type?

**Answer**

int

Status : **Correct**

Marks : 1/1

14. What is the use of \r in C?

**Answer**

places cursor at the start of line

Status : **Correct**

Marks : 1/1

15. What will be the data type of the expression  $(a < 50) ? \text{var1} : \text{var2};$   
provided  $a = \text{int}$ ,  $\text{var1} = \text{double}$ ,  $\text{var2} = \text{float}$

**Answer**

Cannot be determined

Status : **Wrong**

Marks : 0/1

16. Which of the following is not a valid variable name declaration?

**Answer**

```
int 3_a;
```

**Status :** Correct

**Marks :** 1/1

17. What is the output of this C code?

```
#include <stdio.h>
```

```
void main()
```

```
{
```

```
int n;
```

```
scanf("%d", n);
```

```
printf("%d", n);
```

```
}
```

**Answer**

Segmentation fault

**Status :** Wrong

**Marks :** 0/1

18. Standard ANSI C recognizes \_\_\_\_\_ number of keywords?

**Answer**

32

**Status :** Correct

**Marks :** 1/1

19. Variable names beginning with underscore is not encouraged. Why?

**Answer**

To avoid conflicts since assemblers and loaders use such names

**Status :** Wrong

**Marks :** 0/1

20. Identifiers name are user-defined and follow the following rules.

**Answer**

First character of the identifier must be a letter or underscore  
Identifier names must only use letters (A-Z and a-z), digits (0-9) and underscore \_

**Status :** Correct

**Marks :** 1/1

21. Escape sequences are prefixed with.

**Answer**

None of the mentioned

**Status :** Correct

**Marks :** 1/1

22. scanf returns as its value

**Answer**

Number of successfully matched and assigned input items

**Status :** Correct

**Marks :** 1/1

23. What is the output of this C code?

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

**Answer**

Junk value

**Status :** Wrong

**Marks :** 0/1

24. Which of the following is not a keyword in C?

**Answer**

variable

**Status :** Correct

**Marks :** 1/1

25. Which of the following cannot be a variable name in C?

**Answer**

volatile

**Status :** Correct

**Marks :** 1/1

26. .... refer to the names of variables, functions, arrays etc. created by programmer.

**Answer**

Identifiers

**Status :** Correct

**Marks :** 1/1

27. What is the problem in following variable declaration?

float 3Bedroom-Hall-Kitchen?;

**Answer**

All of the mentioned

**Status :** Correct

**Marks :** 1/1

28. All keywords in C are in

**Answer**

LowerCase letters

**Status :** Correct

**Marks :** 1/1

29. Find the valid identifier:

- i) nA
- ii) 2nd
- iii) ROLL NO.
- iv) case
- v) case1

**Answer**

i) and v) only

**Status : Correct**

**Marks : 1/1**

30. Which of the following are Valid comment statement in C?

- i. `/**comment**/`
- ii. `//comment`
- iii. `/*com  
Ment*/`
- iv. `*/comment*/`
- v. `/*comment*/`

**Answer**

i, ii, iii, v

**Status : Correct**

**Marks : 1/1**