Department of Computer Engineering
Academic Year 2020-21

Class: Computer & IT
Subject: 22226 PCI (Programming in C) MCQ

Unit 2: Basic of C Programming

MCQ Question Bank with Answers

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1. Who is the father of C Language?

   A. Bjarne Stroustrup

   B. James A. Gosling

   C. Dennis Ritchie

   D. Dr. E.F. Codd

   Ans : C

2. C Language was developed at ?

   A. AT & T Bell Laboratory

   B. MIT University

   C. Harvard University

   D. Stanford Lab

   Ans : A

3. Many features of C were derived from which language ?

A. PASCAL

B. B

C. BASIC

D. FORTRAN

Ans : B

4. What is C language?

A. C language is a structure/procedure oriented

B. C language is a middle level programming language

C. C language was invented for implementing UNIX operating system

D. All of the above

Ans : D

5. First version of C Programming language is _____ .

A. K&R

B. C89

C. ANSI

D. R&K

Ans : A

6. C was initially used for

A. General purpose

B. System development work

C. Data processing

D. None of these

   Ans : B

7. C programming language is

A. Procedural language

B. Object Oriented language

C. Scripting languages

D. None of these

   Ans : A

8. Which Committee standardizes C Programming Language ?

A. IEEE

B. ISO

C. IEC

D. ANSI

   Ans : D

9. Which year C language is developed?

A. 1970

B. 1971

C. 1972

D. 1973

   Ans : C

10. Which of these is not an example for IDE in C?

A. Turbo

B. Pycharm

C. Code::Blocks

D. Borland

Ans : B

11. How many keywords are there in c ?

A. 31

B. 32

C. 64

D. 63

Ans : B

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

A. Variable names cannot start with a digit

B. Variable can be of any length

C. They can contain alphanumeric characters as well as special characters

D. Reserved Word can be used as variable name

Ans : A

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

A. TRUE

B. friend

C. export

D. volatile

Ans : D

14. What is the output of this program?

```
void main()
{
int x = 10;
float x = 10;
printf("%d", x)

}
```

  A. Compilations Error

  B. 10

  C. 10

  D. 10.1

   Ans : A

15. What is the output of this program?

```
 #include <stdio.h>
 int main()
 {
    int i;
    for (i = 0;i < 5; i++)
    int a = i;
    printf("%d", a);

 }
```

  A. Syntax error in declaration of a

  B. No errors, program will show the output 5

  C. Redeclaration of a in same scope throws error

D. a is out of scope when printf is called

Ans : A

16. What is the output of this program?

```
#include <stdio.h>
int var = 20;
int main()
{
  int var = var;
  printf("%d ", var);
  return 0;

}
```

A. Garbage Value

B. 20

C. Compiler Error

D. None of these

Ans : A

17. What is the output of this program?

```
void main()
{
    int p, q, r, s;
    p = 1;
    q = 2;
    r = p, q;
    s = (p, q);
    printf("p=%d q=%d", p, q);

}
```

A. p=1 q=1

B. p=1 q=2

C. p=2 q=2

D. Invalid Syntex

Ans : B

18. What is the output of this program?

```
void main()
{
  printf("%x",-1<<4);

}
```

A. fff0

B. fff1

C. fff2

D. fff3

Ans : A

19. What is the output of this program?

```
#include <stdio.h>
void main()
{
  int a=1, b=2, c=3, d;
  d = (a=c, b+=a, c=a+b+c);
  printf("%d %d %d %d", d, a, b, c);

}
```

A. 11 3 5 11

B. 11 1 5 11

C. 11 3 2 11

D. 11 3 3 11

   Ans : A

20. What is the output of this program?

```
void main()
{
  int a, b = 5, c;
  a = 5 * (b++);
  c = 5 * (++b);
  printf("%d %d",a,c);

}
```

  A. 30 35

  B. 30 30

  C. 25 30

  D. 25 35

   Ans : D

Happy Learning!

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