

**PSP MCO Set 1**

1. Notebook PCs fall into a category of devices called

- a) mobile computers
- b) desktop computers
- c) hybrid computers
- d) tabulators

Ans: a

2. The binary system uses powers of

- a) 3
- b) 2
- c) 10
- d) 8

Ans: b

3. A computer program that converts assembly language to machine language is

- a) Compiler
- b) Interpreter
- c) Assembler
- d) Comparator

Ans :c

4. C was developed by

- a) Dennis Ritchie
- b) Devid Ritchie
- c) John Ritchie
- d) Robert Lafore

Ans: a

5. An assembly language is a

- a. Middle level programming language
- b. High level programming language
- c. Internet based programming language
- d. low level programming language

ans: d

6. \_\_\_\_\_computers are lower to mainframe computers in terms of speed and storage capacity.

- a) Mini
- b) Super

c) Mainframes  
d) Hybrid  
Ans: a

7. A byte consists of  
A) One bit  
B) Four bits  
C) Eight bits  
D) Sixteen bits  
Ans: c

8. C Language developed at \_\_\_\_\_?  
  
a. AT & T's Bell Laboratories  
b. IBM  
c. Sun Microsystems  
d. Cambridge University

Ans: a

9. What is the output of C Program.?

```
int main()
{
    int k;

    for(;;)
    {
        printf("TESTING\n");
        break;
    }

    return 0;
}
```

A) No Output  
B) TESTING  
C) Compiler error  
D) None of the above

Answer: B

10. To print out *a* and *b* given below, which of the following *printf()* statement will you use?

```
#include<stdio.h>
float a=3.14;
double b=3.14;
```

- A. `printf("%f %lf", a, b);`
- B. `printf("%Lf %f", a, b);`
- C. `printf("%Lf %Lf", a, b);`
- D. `printf("%f %Lf", a, b);`

Answer: A

11. What is the way to suddenly come out of or Quit any Loop in C Language.?

- A) `continue;` statement
- B) `break;` statement
- C) `leave;` statement
- D) `quit;` statement

Answer:B

12. which of the following is a post test loop

- A. if else
- B. do while
- C. While
- D. for

Answer:B

13. What is the output of this program?

```
#include <stdio.h>
int main()
{
    int i;
    i = 1, 2, 3;
    printf("%d", i);
    return 0;
}
```

- A. 1
- B. 2
- C. 3
- D. Invalid Syntax

Answer: A

14. . Choose a right C Statement.

- A) Loops or Repetition block executes a group of statements repeatedly.

B) Loop is usually executed as long as a condition is met.

C) Loops usually take advantage of Loop Counter

D) All the above.

Answer :D

15. Which loop is faster in C Language, for, while or Do While.?

A) for

B) while

C) do while

D) All work at same speed

Answer :D

16. What should be the output:

```
int main()
{
    int a = 10/3;

    printf("%d",a);

    return 0;
}
```

(A) 3.33

(B) 3.0

(C) 3

(D) 0

Answer: C

17. Which of the following function is appropriate for reading a multi-word string?

- A. printf()
- B. scanf()
- C. gets()
- D. puts()

Ans: C

18. What will strcmp() function do?

- A. compares the first n characters of the object
- B. undefined function
- C. copies the string
- D. compares the string

Ans: D

19. What is a String in C Language?

- A. String is a new Data Type in C
- B. String is an array of Characters with null character as the last element of array
- C. String is an array of Characters with null character as the first element of array
- D. String is an array of Integers with 0 as the last element of array

Ans: B

20. What is the Format specifier used to print a String or Character array in C Printf or Scanf function?

- A. %c
- B. %C
- C. %s
- D. %w

Ans: C