PSP MCQ 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.?

```c
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