

PSP MCQ Set 3

1. _____ are used for solving complex application such as Global Weather Forecasting.

- a) Public computers
- b) Super Computers
- c) Mobile computers
- d) Hybrid computers

Ans: b

2. PDAs are also called?

- a) PCs
- b) Laptops
- c) Tablets
- d) Handheld

Ans: d

3. What is the full form of CPU?

- a) Central Process Unit
- b) Central Processing Unit
- c) Central Programming Unit
- d) Central Progressive Unit

Ans: b

4. Any data or instruction entered into the memory of a computer is considered as

- A. Storage
- B. Output
- C. Input
- D. Information

Ans: C

5. C99 standard guarantees uniqueness of _____ characters for internal names.

- (a) 31
- (b) 63
- (c) 12
- (d) 14

Ans: (b)

6. Why do variable names beginning with the underscore are not encouraged?

- (a) It is not standardized
- (b) To avoid conflicts since assemblers and loaders use such names
- (c) To avoid conflicts since library routines use such names
- (d) To avoid conflicts with environment variables of an operating system

Ans: (c)

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

- (a) int __a3;
- (b) int __3a;
- (c) int __A3;
- (d) None of the mentioned

Ans: (d)

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

- (a) int _a3;
- (b) int a_3;
- (c) int 3_a;
- (d) int _3a;

Ans: (c)

9. What is the output of the C Program.?

```
int main()
{
    if( 4 < 5 )
        printf("Hurray..\n");
    printf("Yes");
else
    printf("England");
return 0;
}
```

- A) Hurray..Yes
- B) Hurray.. Yes
- C) Compiler error
- D) None of the above

Answer: C

10. What is the output of C Program.?

```
int main()
{
    int a=25;

    while(a <= 27)
    {
        printf("%d ", a);
        a++;
    }
}
```

```
    return 0;
}
```

- A) 25 25 25
- B) 25 26 27
- C) 27 27 27
- D) Compiler error

Answer B

11. What is the output of the C Program.?

```
int main()
{
    if( 10 < 9 )
        printf("Hurray..\n");
    else if(4 > 2)
        printf("England");
    return 0;
}
```

- A) England
- B) Hurray..
- C) Compiler error for missing else
- D) None of the above

Answer: A

12. What will be the following code's output if choice = 'R'?

```
switch(choice)
{
    case 'R' : printf("RED");
    case 'W' : printf("WHITE");
    case 'B' : printf("BLUE");
    default:  printf("ERROR"); break;
}
```

- a. RED
- b. RED WHITE BLUE ERROR
- c. RED ERROR
- d. RED WHITE BLUE
- e. ERROR

Answer: b

13. Array can be considered as set of elements stored in consecutive memory locations but having _____.

- A. Same data type
- B. Different data type
- C. Same scope
- D. None of these

Answer: A

14. What is the output of C Program.?

```
int main()
```

```

{
    int a=32;

    do
    {
        printf("%d ", a);
        a++;
        if(a > 35)
            break;
    }while(1);

    return 0;
}

```

- A) No Output
- B) 32 33 34
- C) 32 33 34 35
- D) Compiler error

Answer: C

15. Array elements are always stored in _____ memory locations.?

- A. Sequential
- B. Random
- C. Sequential and Random
- D. None of the above

Answer: A

16. What is the output of this program?

```

void main()

{

    int a[8] = {1,2,3,4,5};
    printf("%d", a[5]);

}

```

- A. 5
- B. 6

C. 0

D. Garbage Value

Answer: C

17. Choose a correct C Statement about Strings.

A. PRINTF is capable of printing a multi word string

B. PUTS is capable of printing a multi word string

C. GETS is capable of accepting a multi word string from console or command prompt

D. All the above

Ans: D

18. The_____ function returns the number of characters that are present before the terminating null character.

A. strlen() length()

B. strlen()

C. strlen()

D. strchr()

Ans: B

19. A string constant in C is terminated by

A. '\0'

B. '\\0'

C. “

D. “ “

Ans: A

20. Which function will you choose to join two words?

A. strlen()

B. strcat()

C. strcpy()

D. strncon()

Ans: B