

14/08_CP_FE_Sem II (R-19)_Inst Name

University of Mumbai

* Required

CP_PART-B

1. *

In an identifier following symbol is allowed

Mark only one oval.

☐ *(asterisk)

☐ |(pipeline)

☐ -(hyphen)

☐ _(underscore)

2. *

Given int a=7, b=2; float c;

c=a/b;

What will be the output of the following sentence?

printf("\n%f",c)

Mark only one oval.

☐ 3.000000

☐ 3.500000

☐ 3.0

☐ 3.5

3. *

In C programming, which of the following operators have the highest precedence

Mark only one oval.

☐ Relational

☐ Arithmetic

☐ Bitwise

☐ Logical

4. *

A light-sensitive device that transforms printed text or images into digital form is

Mark only one oval.

☐ keyboard

☐ scanner

☐ plotter

☐ OMR

5. *

```
# include<stdio.h>
int a;
int main()
{
if (a);
else
printf("Else");
return 0;
}
```

Which statement is correct?

Mark only one oval.

- ☐ if block is executed
- ☐ else block is executed
- ☐ It is unpredictable as a is not initialized
- ☐ Error:misplaced else

6. *

Which one is most appropriate statement?

Mark only one oval.

- ☐ break and continue can be used in for, while, do-while loop body and switch body.
- ☐ break and continue can be used in for, while, do-while loop body and but only break can be used in switch body.
- ☐ continue can be used in for, while, do-while loop body
- ☐ break can be used in for, while, do-while loop body

7. *

What will be the output of below program?

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

Mark only one oval.

- ☐ a = 4
- ☐ Compile error
- ☐ a = 0
- ☐ a = 2

8. *

do-while loop ends when test expression returns

Mark only one oval.

- ☐ One
- ☐ Non zero
- ☐ -1
- ☐ Zero

9. *

If a 3-dimensional array is a parameter, then which statement is correct (Assume declaration is: `int arr[5][3][2];`)

Mark only one oval.

- ☐ `func(*arr)`
- ☐ `func(arr)`
- ☐ `func(**arr)`
- ☐ `func(arr[5][3][2])`

10. *

Pick the correct statement in context with an array

Mark only one oval.

- ☐ Elements in an array cannot be sorted
- ☐ Index of the first element of an array is one
- ☐ Easier to store the elements of the same data type
- ☐ can store objects of mixed data type.

11. *

Choose correct option for C code

```
#include<stdio.h>
struct test
{int a;
char ch;
float f;
};
main()
{
struct test t[ ] = {(1, 'A', 1.2), (2, 'B', 1.3), (3, 'C', 1.4)};
}
```

Mark only one oval.

- ☐ No compile-time error, generates an array of structure with Three elements
- ☐ No compile-time error, generates an array of structure with Nine elements
- ☐ Compile-time error, illegal declaration of a multidimensional array
- ☐ Compile-time error, illegal assignment to members of structure

12. *

----- is a step by step method to solve a problem in a finite time

Mark only one oval.

- ☐ Algorithm
- ☐ Structure
- ☐ Compilation
- ☐ Activity

13. *

(10 && 5) test expression gives result ----- after execution

Mark only one oval.

- ☐ 1
- ☐ 0
- ☐ 15
- ☐ 50

14. *

The result of printf statement is if following code is given:

```
float pi;  
pi = 3.141592;  
printf("%4.2f", pi);
```

Mark only one oval.

- ☐ 03.1415
- ☐ 3.15
- ☐ 3.14
- ☐ 3.141592

15. *

----- is format specifier to read and print sequence of characters

Mark only one oval.

☐ %s

☐ %c

☐ %d

☐ %p

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