

Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020)

Course Name - Programming for Problem Solving

Course Code - ESC(ECE)201/ ESC(ECE)201(BL)

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Answer all the questions. Each question carry one mark.

9. 1. Which function reallocates memory ?

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- realloc
- alloc
- malloc
- None of these

10. 2. Total size in byte for 1D array is calculated as

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- size of (data type) * size of array
- No of elements in array
- Size of data type
- size of (data type) / size of array

11. 3. Find out : which line number give an error ?
Line 1: void main ()
Line 2: {
Line 3: print(“\n Hello World”)
Line 4: }

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- Line 1
 Line 2
 Line 3
 Line 4

12. 4. The operator & is used for

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- Bitwise AND
 Bitwise OR
 Logical AND
 Logical OR

13. 5. Which among the following is unconditional control structure?

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- do-while
 if -else
 goto
 for

14. 6. Which is exit control loop?

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- for
- while
- do while
- continue

15. 7. The break statement is used to

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- ends the loop immediately when it is encountered
- skips the current iteration of the loop and continues with the next iteration
- to find no of elements
- None of these

16. 8. Array is collection of

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- homogeneous elements
- heterogeneous elements
- mixed elements
- all of these.

17. 9. Symbolic constants can be defined using

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- # define
- Constant
- Symbols
- None of these

18. 10. The bitwise OR operator is used to

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- set the desired bits to 1
- set the desired bits to 0
- divide numbers
- multiply numbers

19. 11. Array of character is known as

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- string
- float
- integer
- double

20. 12. Precedence of operators determines which operator is

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- faster
- takes less memory
- evaluated first
- slower

21. 13. The operator + in $a+=4$ means

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- $a = a + 4$
- $a + 4 = a$
- $a = 4$
- $a = 4 + 4$

22. 14. Two dimensional arrays are known as

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- vector
- matrix
- stack
- queue

23. 15. The bitwise AND operator is used for

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- Masking
- Comparison
- Division
- Shifting bits

24. 16. Which of the following operator has the highest precedence?

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- *
- = =
- +
- ()

25. 17. Operators have hierarchy. It is used to know which operator

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- is most important
- is used first
- is faster
- operates on large numbers

26. 18. An ampersand before the name of a variable denotes

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- Actual Value
- Address
- Variable Name
- Data type

27. 19. The keyword 'break' cannot be simply used within ...

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- do-while
- for
- if-else
- while

28. 20. Which loop is most suitable to first perform the operation and then test the condition?

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- for loop
- while loop
- do-while loop
- none of these

29. 21. Arguments that take input by user during run time are called

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- Main functions arguments
- Main arguments
- Command line arguments
- Parameterized arguments

30. 22. Condition associated with an if statement is built generally using

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- Relational operators
- Ternary operators
- Bit wise operators
- Increment operators

31. 23. Choose the alternative for the following if condition:`int flag = 0;if (! flag)`

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- `if(flag=0)`
- `if(flag==0)`
- `if(flag =1)`
- `if(flag==1)`

32. 24. What are the elements present in the array of the following C code?
`int array[5]
= {5};`

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- 5, 5, 5, 5, 5
- 5, 0, 0, 0, 0
- 5, (garbage), (garbage), (garbage), (garbage)
- (garbage), (garbage), (garbage), (garbage), 5

33. 25. What is the output of the following:
`int i=5;if(i==5);printf("You are
right");elseprintf("You are wrong");`

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- You are right
- You are wrong
- Compile time error
- No output

34. 26. What is the value of Y if a=10 & b=12:
`Y=(a!=6 && b>5);`

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- 1
- 0
- 1
- 2

35. 27. The argument that are used inside the called function are called

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- Actual argument
- Formal Arguments
- Both a and b
- None of these

36. 28. Total size in bytes of int [20] (16 bit compiler) is

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- 40 bytes
- 4 bytes
- 20 bytes
- 24 bytes

37. 29. return statement in function return the control to

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- Calling function
- same function
- Re-called function
- Called function

38. 30. strcat() is used

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- to compare two strings
 - to append a copy of a string at the end of the other string
 - to calculate length of the string
 - to copying one string to another string
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