

# Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021)

Course Name - --Programming for Problem Solving

Course Code - ESC(CSE)201\_ESC(ECE)201

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Answer all the questions. Each question carry one mark.

9. 1. What is the size of data type int in byte/s (16 bit compiler)?

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- 1
- 2
- 3
- 4

10. 2. What is the size of data type float in byte/s?

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1

2

4

8

11. 3. What is the size of data type double in bytes?

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2

4

8

10

12. 4. Which of the following specifier is used for integer?

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%c

%f

%d

%e

13. 5. Which of the following is a primary memory?

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- RAM
- Hard Disk
- Pendrive
- CD

14. 6. Which of the following is a secondary memory?

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- RAM
- ROM
- Hard disk
- DRAM

15. 7. Arithmetic Logic Unit is a part of

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- Memory
- Input device
- CPU
- Output device

16. 8. ASCII value of d is

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98

99

100

101

17. 9. Which of the following is operator in given expression?  $x\%y$

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x

y

%

All of these

18. 10. Which of the following is ternary operator?

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+

=

? :

>=

19. 11. Which of the following is assignment operator?

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+

\*

=

/

20. 12. Which of the following is binary operator?

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+

>

\*

All of these

21. 13. Which of the following is bitwise operator?

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>

<

>>

None of these

22. 14. Which of the following is logical operator?

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&

|

&&

<<

23. 15. Which of the following declaration is invalid in C language?

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int 2roll;

int roll;

int Roll;

int roLL;

24. 16. Which of the following is NOT correct?

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int name;

int Name;

int name123;

int 123name;

25. 17. Which of the following is valid for a variable name?

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hello

float

int

char

26. 18. Priority of operators defines -

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which operator will evaluated last

which operator will not evaluated at all

which operator will evaluated first

None of these

27. 19. Which of the following is a way of associativity in C?

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top to bottom

bottom to top

left to right

None of these

28. 20. Which of the following has lowest precedence?

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++

+

||

%

29. 21. Which of the following has highest precedence?

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+

-

%

All have same precedence

30. 22. C language was developed by -

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James Gosling

Bill Gates

Dennis Ritchie

Patrick Naughton

31. 23. Which of the following is NOT a keyword in C?

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- int
- float
- function
- if

32. 24. Which of the following is/are keyword in C?

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- for
- if
- Both for and if
- None of these

33. 25. Expression  $x+=5$  means

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- $x=x+x$
- $x=x+5$
- $x+5$
- $x+5=x$

34. 26. Which of the following operator is used for comparing two values?

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=

:=

==

All of these

35. 27. && is ..... operator.

*Mark only one oval.*

bit wise

relational

logical

conditional

36. 28. & is ..... operator.

*Mark only one oval.*

relational

logical

bitwise

arithmetic

37. 29. x++ is ..... operator.

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- pre increment
- post increment
- pre decrement
- post decrement

38. 30. --t is ..... operator.

*Mark only one oval.*

- pre increment
- post increment
- pre decrement
- post decrement

39. 31. How many operand/s is/are required for using bitwise right shift operator?

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- 1
- 2
- 3
- 4

40. 32. Which of the following is an example of post increment?

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++w

--w

w++

w--

41. 33. Which of the following is an example of post decrement?

*Mark only one oval.*

--w

++w

w--

w++

42. 34. Which of the following is used for single line comment?

*Mark only one oval.*

/

\

//

\\\

43. 35. Correct way to assign char value is (say char x;)

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- x="c";
- x=c;
- x='c';
- None of these

44. 36. Which of the following is used for giving new line in C?

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- \a
- \b
- \n
- \t

45. 37. Which of the following is used to terminate a statement in C?

*Mark only one oval.*

- .
- ,
- ;
- \n

46. 38. Array index starts from

*Mark only one oval.*

0

1

2

3

47. 39. Array is

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heterogeneous

Both heterogeneous & homogeneous

homogeneous

None of these

48. 40. Elements of an array stored in

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random manner

non-contiguous manner

contiguous manner

Depends on application

49. 41. String in C is considered as

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- array of int
- array of float
- array of character
- All of these

50. 42. Character constant is declared within

*Mark only one oval.*

- < >
- " "
- ' '
- []

51. 43. ASCII value of '\0' used in string is

*Mark only one oval.*

- 0
- 1
- 2
- 3

52. 44. strcmp() function used in string for

*Mark only one oval.*

- copy string
- comparing strings
- delete string
- concat strings

53. 45. strrev() function used in string for

*Mark only one oval.*

- comparing strings
- finding length
- reverse string
- replace string

54. 46. Which of the following is exit controlled loop?

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- while
- for
- do-while
- All of these

55. 47. Which of the following is unconditional control structure?

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- if-else
- else-if
- do-while
- goto

56. 49. Array of characters is known as

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- double
- int
- string
- character

57. 49. continue keyword cannot be used with/in

*Mark only one oval.*

- for loop
- switch-case
- while loop
- do-while loop

58. 50. Which keyword is generally used in switch-case?

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- goto
- exit
- break
- continue

59. 51. Which of the following best defines the use of break keyword?

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- End the loop when encountered
- Skip the current iteration and move to next iteration
- Terminate the program
- All of these

60. 52. Size of a 1D array (in bytes) is calculated as

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- Size of data type
- Size of data type \* size of an array
- Number of elements
- Size of data type + size of an array

61. 53. The total size of an array with declaration "int arr[10]" in 16-bit compiler is

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40

30

20

10

62. 54. Find the value of Y if X=5 from  $(Y=X>3?1:0)$

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5

3

1

0

63. 55. Actual arguments are the arguments of

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Calling function

Called function

Both called & calling function

None of these

64. 56. Return statement in function returns control to

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- Calling function
- Called function
- Both called & calling function
- None of these

65. 57. When function call itself, it is a concept of

*Mark only one oval.*

- loop
- iteration
- function
- recursion

66. 58. A structure is a ..... data structure.

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- homogeneous
- heterogenous
- continuous
- None of these

67. 59. Which of the following operator is used to access elements of a structure (without pointer)?

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- dot
- arrow
- direction
- indirection

68. 60. .... is used to find the end of a file.

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- END
- EOF
- EF
- PTR

69. 61. exit() function is declared in

*Mark only one oval.*

- stdlib.h
- conio.h
- stdio.h
- files.h

70. 62. Missing semi-colon (;) in program is a type of ..... error.

*Mark only one oval.*

- logical
- syntax
- grammer
- semantic

71. 63. Which of the following is a method of arranging data elements in a order?

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- Merge sort
- No search
- Linear search
- Binary search

72. 64. Which of the following is/are used for dynamic memory allocation?

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- allocate
- malloc
- calloc
- Both calloc and malloc

73. 65. Select the appropriate when inputs are given during runtime of a C program.

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- Function arguments
- Formal arguments
- Actual arguments
- Command line arguments

74. 66. Default return type of main() function is

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- int
- char
- void
- float

75. 67. r+ mode in file used for

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- reading only
- writing only
- both reading and writing
- editing

76. 68.

What is the output of the following code?

```
#include<stdio.h>
void main(){
int x=2;
if(x>5)
printf("one ");
printf("two ");
printf("three");
}
```

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- one two three
- one
- one two
- two three

77. 69.

What is the output of the following code?

```
#include<stdio.h>
void main(){
int x=65;
printf("%c",x);
}
```

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- 65
- 97
- a
- A

78. 70.

What is the output of the following code: (say, address of i is 200)

```
#include<stdio.h>
void main(){
int i=3, *p;
p=&i;
printf("%d",p);
}
```

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- 3
- 200
- 203
- 197

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