

C LANG TEST-3 (FLOW CONTROL WITH IF ELSE)

Total points 50/50 ?

STUDENT NAME *

Ritvik

✓ 1. Which keyword is used for decision making in C? *

1/1

- ☐ A) switch
- ☐ B) for
- ☒ C) if
- ☐ D) break



✓ 2. . The syntax of an if statement in C is: *

1/1

- ☐ A) if condition then statement;
- ☒ B) if (condition) statement;
- ☐ C) if condition: statement;
- ☐ D) if {condition} statement;



✓ 3. What will happen if the condition inside if is false? *

1/1

- ☐ A) The program terminates
- ☒ B) The statement inside if is skipped
- ☐ C) The statement inside if is executed
- ☐ D) None



✓ 4. Which of the following is the correct form of if-else statement? *

1/1

- ☒ A) if (condition) { } else { }
- ☐ B) if condition then else
- ☐ C) if {condition} else { }
- ☐ D) if condition: else:



✓ 5. What is the output of: *

1/1

```
int x = 5;  
  
if (x > 2)  
    printf("A");  
  
else  
    printf("B");
```

- ☒ A) A
- ☐ B) B
- ☐ C) AB
- ☐ D) No output



✓ 6. What will be the output? *

1/1

```
int x = 3;
```

```
if (x > 5)
```

```
    printf("Hi");
```

```
else
```

```
    printf("Hello");
```

- ☐ A) Hi
- ☒ B) Hello
- ☐ C) HiHello
- ☐ D) Error



✓ 7. An if statement inside another if statement is known as: *

1/1

- ☒ A) Nested if
- ☐ B) Multiple if
- ☐ C) Double if
- ☐ D) None



✓ 8. The condition inside if must be: *

1/1

- ☐ A) Integer
- ☒ B) Boolean or relational expression
- ☐ C) Character
- ☐ D) Float



✓ 9. What is the output? *

1/1

```
int a = 10;  
  
if (a = 5)  
    printf("Yes");  
  
else  
    printf("No");
```

- ☒ A) Yes
- ☐ B) No
- ☐ C) Error
- ☐ D) No output



✓ 10. What is the output? *

1/1

```
int a = 0;  
  
if (a)  
    printf("True");  
  
else  
    printf("False");
```

- ☐ A) True
- ☒ B) False
- ☐ C) Error
- ☐ D) None



✓ 11. In C, if statement executes the block when condition is: *

1/1

- ☐ A) 0
- ☒ B) 1 or non-zero
- ☐ C) Negative
- ☐ D) Null



✓ 12. Which of the following can replace if (a != 0)? *

1/1

- ☐ A) if (a == 0)
- ☒ B) if (a)
- ☐ C) if (!a)
- ☐ D) if (a = 0)



✓ 13. Which operator is often used with if statements for multiple conditions?

*1/1

- ☐ A) +
- ☒ B) && and ||
- ☐ C) *
- ☐ D) =



✓ 14. What is the output? *

1/1

```
int x = 10;  
  
if (x > 5)  
    if (x > 15)  
        printf("A");  
  
    else  
        printf("B");
```

- ☐ A) A
- ☒ B) B
- ☐ C) AB
- ☐ D) No output



✓ 15. Which statement is used to test multiple conditions in C? *

1/1

- ☐ A) switch
- ☒ B) if-else ladder
- ☐ C) do-while
- ☐ D) break



✓ 16. What is the output? *

1/1

```
int a = 10, b = 20;
```

```
if (a > b)
```

```
    printf("A");
```

```
else if (a == b)
```

```
    printf("B");
```

```
else
```

```
    printf("C");
```

- ☐ A) A
- ☐ B) B
- ☒ C) C
- ☐ D) None



✓ 17. An else statement is always associated with: *

1/1

- ☒ A) The nearest if
- ☐ B) The first if
- ☐ C) The last if
- ☐ D) None



✓ 18. What is the output? *

1/1

- ☐ A) A
- ☒ B) B
- ☐ C) AB
- ☐ D) No output



✓ 19. What is the output of: *

1/1

- ☐ A) Yes
- ☒ B) No
- ☐ C) Error
- ☐ D) None



✓ 20. Which of these statements is invalid? *

1/1

- ☐ A) if (x) ;
- ☐ B) if (x) { }
- ☐ C) if (x) printf("Hi");
- ☒ D) if x > 0 printf("Hi");



✓ 21. What is the output? *

1/1

```
int x = 5;  
  
if (x > 0)  
    printf("Positive");  
  
else  
    printf("Negative");
```

- ☒ A) Positive
- ☐ B) Negative
- ☐ C) 0
- ☐ D) Error



✓ 22. What is the output? *

1/1

```
int x = -3;  
  
if (x)  
    printf("True");  
  
else  
    printf("False");
```

- ☒ A) True
- ☐ B) False
- ☐ C) 0
- ☐ D) Error



✓ 23. Which of the following is equivalent to if (x == 0)? *

1/1

- ☐ A) if (x)
- ☒ B) if (!x)
- ☐ C) if (x != 0)
- ☐ D) if (x < 0)



✓ 24. What is the output? *

1/1

```
int a = 5, b = 10;
```

```
if (a > b)
```

```
    printf("Hello");
```

```
else
```

```
    printf("World");
```

- ☐ A) Hello
- ☒ B) World
- ☐ C) HelloWorld
- ☐ D) None



✓ 25. Can an if statement exist without an else? *

1/1

- ☒ A) Yes
- ☐ B) No



✓ 26. What is the output? *

1/1

- ☒ A) One
- ☐ B) Two
- ☐ C) Other
- ☐ D) Error



✓ 27. Which symbol is used for logical NOT? *

1/1

- ☐ A) &
- ☒ B) !
- ☐ C) ||
- ☐ D) ==



✓ 28. What will be printed? *

1/1

- ☒ A) Equal
- ☐ B) Not Equal
- ☐ C) Error
- ☐ D) None



✓ 29. What is the output? *

1/1

- ☒ A) XZ
- ☐ B) YZ
- ☐ C) X
- ☐ D) Z



✓ 30. What is the output? *

1/1

- ☒ A) Yes
- ☐ B) No
- ☐ C) Error
- ☐ D) None



✓ 31. What is the output if condition in if evaluates to zero? *

1/1

- ☐ A) if block executes
- ☒ B) else block executes
- ☐ C) Both execute
- ☐ D) None



✓ 32. Which type of brackets are used with if condition? *

1/1

- ☐ A) {}
- ☐ B) []
- ☒ C) ()
- ☐ D) <>



✓ 33. What is the output? *

1/1

- ☒ A) Yes
- ☐ B) No
- ☐ C) Error
- ☐ D) None



✓ 34. What is the output? *

1/1

- ☐ A) A
- ☐ B) B
- ☒ C) AB
- ☐ D) None



✓ 35. What is the output? *

1/1

if (5 > 6)

printf("A");

else if (6 > 7)

printf("B");

else

printf("C");

- ☐ A) A
- ☐ B) B
- ☒ C) C
- ☐ D) None



✓ 36. The keyword else is optional in an if statement. *

1/1

- ☒ A) True
- ☐ B) False



✓ 37. What is the output? *

1/1

if (5)

printf("Hello");

- ☒ A) Hello
- ☐ B) No output
- ☐ C) Error
- ☐ D) None



✓ 38. What is the output? *

1/1

if (-1)

printf("A");

else

printf("B");

- ☒ A) A
- ☐ B) B
- ☐ C) Error
- ☐ D) None



✓ 39. What is the output? *

1/1

int x = 10;

if (x == 10)

printf("Equal");

if (x > 5)

printf("Greater");

else

printf("Smaller");

- ☒ A) EqualGreater
- ☐ B) EqualSmaller
- ☐ C) Greater
- ☐ D) Error



✓ 40. Which of these will produce syntax error? *

1/1

- ☐ A) if (x)
- ☒ B) if (x) else
- ☐ C) if (x) { }
- ☐ D) if (x > 0) printf("Hi");



✓ 41. Which of the following is true about an if-else ladder? *

1/1

- ☒ A) Only one block executes
- ☐ B) All blocks execute
- ☐ C) Both true and false parts execute
- ☐ D) None



✓ 42. The statement inside an else executes when: *

1/1

- ☐ A) if condition is true
- ☒ B) if condition is false
- ☐ C) if condition is non-zero
- ☐ D) None



✓ 43. What is the output? *

1/1

```
int a = 10;  
  
if (a > 10)  
    printf("A");  
  
else if (a == 10)  
    printf("B");  
  
else  
    printf("C");
```

- ☐ A) A
- ☒ B) B
- ☐ C) C
- ☐ D) None



✓ 44. What is the output? *

1/1

```
int a = 5, b = 10;  
  
if (a == 5)  
    if (b == 10)  
        printf("Hello");  
  
else  
    printf("Hi");
```

- ☒ A) Hello
- ☐ B) Hi
- ☐ C) Error
- ☐ D) None



✓ 45. What is the output? *

1/1

if (0)

printf("A");

else if (0)

printf("B");

else

printf("C");

- ☐ A) A
- ☐ B) B
- ☒ C) C
- ☐ D) None



✓ 46. The expression used in if condition should return: *

1/1

- ☒ A) integer (0 or non-zero)
- ☐ B) character
- ☐ C) float
- ☐ D) void



✓ 47. What is the output? *

1/1

```
int x = 5;  
  
if (x < 10)  
    printf("Small");  
  
else  
    printf("Large");  
  
printf("Done");
```

- ☐ A) Small
- ☐ B) Large
- ☒ C) SmallDone
- ☐ D) Done



✓ 48. What is the output? *

1/1

```
if (1)  
    if (0)  
        printf("A");  
  
else  
    printf("B");
```

- ☐ A) A
- ☒ B) B
- ☐ C) None
- ☐ D) Error



✓ 49. Which of these is valid? *

1/1

- ☐ A) if (x == y);
- ☐ B) if (x == y) printf("Equal");
- ☐ C) if (x == y) { }
- ☒ D) All of the above



✓ 50. What is the output? *

1/1

```
int x = 0;
```

```
if (!x)
```

```
    printf("True");
```

```
else
```

```
    printf("False");
```

- ☒ A) True
- ☐ B) False
- ☐ C) Error
- ☐ D) None



This content is neither created nor endorsed by Google. - [Contact form owner](#) - [Terms of Service](#) - [Privacy Policy](#)

Does this form look suspicious? [Report](#)

Google Forms



