1. Which control structure is used to execute a set of statements repeatedly based on a condition?
   1. Decision structure
   2. **Looping structure**
   3. Sequential structure
   4. Procedural structure
2. In a DBMS, a view is:
   1. A physical copy of a table
   2. A temporary table created during query execution
   3. **A virtual table derived from other tables**
   4. A table used for storing intermediate query results
3. Which of the following is true about cursors in a DBMS?
   1. Cursors are used to retrieve data from a single table only
   2. Cursors provide a way to update multiple tables simultaneously
   3. **Cursors are used to process data row by row**
   4. Cursors are used to store complex queries for later execution
4. In SQL, the "IF" statement is used to:
   1. Select a set of records from a table
   2. **Perform a specific action based on a condition**
   3. Create a new table from existing tables
   4. Define a user-defined function
5. Which control structure is used to execute a block of statements only if a condition is true?
   1. WHILE loop
   2. FOR loop
   3. **IF-THEN-ELSE statement**
   4. CASE statement
6. In a DBMS, a cursor is declared using the:
   1. OPEN statement
   2. **DECLARE statement**
   3. FETCH statement
   4. SELECT statement
7. Which of the following is not a type of loop in programming?
   1. FOR loop
   2. WHILE loop
   3. REPEAT loop
   4. **FOREACH loop**
8. Views in a DBMS are used for:
   1. Creating temporary tables
   2. **Improving query performance**
   3. Defining primary key constraints
   4. Storing complex queries
9. Which SQL statement is used to control the flow of execution in a stored procedure?
   1. CONTROL statement
   2. FLOW statement
   3. LOOP statement
   4. **IF-THEN-ELSE statement**
10. In a DBMS, a cursor can be used to:
    1. Insert rows into a table
    2. Delete rows from a table
    3. Update rows in a table
    4. **All of the above**
11. The "CASE" statement in SQL is used to:
    1. **Perform conditional branching**
    2. Perform iterative looping
    3. Define primary key constraints
    4. Create temporary tables
12. Which control structure is used to execute a block of statements a fixed number of times?
    1. WHILE loop
    2. **FOR loop**
    3. DO-WHILE loop
    4. SWITCH statement
13. In a DBMS, a view can be used to:
    1. Create a backup of a table
    2. **Restrict access to certain columns of a table**
    3. Modify the structure of a table
    4. Rename a table
14. Which of the following is true about a "REPEAT" loop in programming?
    1. **The loop body is executed at least once, even if the condition is false initially**
    2. The loop body is executed only if the condition is true
    3. The loop body is executed until the condition becomes true
    4. The loop body is executed a fixed number of times
15. In SQL, the "HAVING" clause is used to:
    1. **Filter rows based on a condition in a SELECT statement**
    2. Specify the order of result rows
    3. Join multiple tables based on a common column
    4. Define constraints on table columns
16. Which control structure is used to execute a block of statements based on multiple conditions?
    1. IF-THEN-ELSE statement
    2. **SWITCH statement**
    3. FOR loop
    4. WHILE loop
17. In a DBMS, a cursor can be used to navigate through:
    1. **Rows of a table**
    2. Columns of a table
    3. Indexes of a table
    4. Triggers of a table
18. The "DO-WHILE" loop in programming is an example of a:
    1. Pre-tested loop
    2. **Post-tested loop**
    3. Indefinite loop
    4. Nested loop
19. In SQL, the "UNION" operator is used to:
    1. **Combine result sets of two or more SELECT statements**
    2. Join two or more tables based on a common column
    3. Sort result rows in ascending order
    4. Filter rows based on a condition
20. Which control structure is used to execute a block of statements as long as a condition is true?
    1. FOR loop
    2. **WHILE loop**
    3. SWITCH statement
    4. IF-THEN-ELSE statement
21. In a DBMS, a view is stored:
    1. **In the system catalog**
    2. In a temporary file
    3. In the buffer cache
    4. In the transaction log
22. The "GOTO" statement in programming is used to:
    1. Create subroutines
    2. Exit a loop
    3. **Transfer control to a specific label**
    4. Declare variables
23. In SQL, the "LIKE" operator is used to:
    1. Compare two values for equality
    2. Check if a value is NULL
    3. **Perform pattern matching on a string**
    4. Concatenate two strings
24. Which control structure is used to execute a block of statements for each element in a collection or array?
    1. FOR loop
    2. WHILE loop
    3. **FOREACH loop**
    4. REPEAT loop
25. In a DBMS, a cursor is used to:
    1. Execute a stored procedure
    2. Execute a trigger
    3. **Fetch and manipulate rows from a result set**
    4. Fetch and manipulate columns from a table
26. The "BREAK" statement in programming is used to:
    1. **Exit a loop or switch statement**
    2. Terminate the execution of a program
    3. Declare a constant value
    4. Define a user-defined function
27. A view is actually a?
28. **composition of a table**
29. decomposition of a table
30. associated to a table
31. None of the above
32. What is true about view?
33. Database views are created using the CREATE VIEW statement.
34. To create a view, a user must have the appropriate system privilege according to the specific implementation.
35. **Both A and B are true**
36. Both A and B are false
37. A \_\_\_\_\_ is a pointer to this context area.
38. records
39. **cursor**
40. packages
41. trigger
42. The set of rows the cursor holds is referred to as the \_\_\_\_\_\_\_\_\_\_.
43. inactive set
44. simple set
45. **active set**
46. complex set
47. How many types of cursors?
48. 1
49. **2**
50. 3
51. 4