

Which data type can store a single character in Java?

- A.
String
- B.
Char
- C.
Character ans
- D.
Both B And C

Which of the following is true about method overriding in Java?

- A.
The method name must be different
- B.
The method signature must match ans
- C.
The return type must be void
- D.
The final methods can be overridden

Which of the following data types can store fractional numbers?

- A.
int
 - B.
short
 - C.
float
 - D.
double
- ask it

What happens if a float value is assigned to an int variable directly?

- A.
The value is truncated
- B.
It causes a compilation error
- C.
The value is rounded off
- D.
It executes without changes

Question 2 of 30

Points

1 / 1

Which clause is used to filter rows in a SQL query?

- A.
GROUP BY
- B.
ORDER BY
- C.
WHERE

D.

HAVING

Question 3 of 30

Points

1 / 1

Can a non-abstract class contain abstract methods?

A.

Yes

B.

No

C.

Only if it is declared final

D.

Depends on the JVM

Question 4 of 30

Points

1 / 1

Which data type in Java has the largest range?

A.

int

B.

double

C.

long

D.

short

Question 5 of 30

Points

1 / 1

Which of the following is a feature of abstraction?

A.

It hides the implementation details

B.

It improves performance

C.

It eliminates the need for polymorphism

D.

It allows direct access to data fields

Question 6 of 30

Points

1 / 1

What does the super keyword refer to?

A.

Current object

B.

Parent Class object

C.

New instance of a class

D.
Constructor of the class
Question 7 of 30
Points
1 / 1

Which of the following statements about interfaces is true?

- A.
An interface can have implemented methods
- B.
Interfaces can extend multiple interfaces
- C.
An interface cannot be implemented by a class
- D.
Interfaces are instantiated using the new keyword

Question 8 of 30
Points
1 / 1

What is the size of a long data type in Java?

- A.
2 bytes
- B.
4 bytes
- C.
6 bytes
- D.
8 bytes

Question 9 of 30
Points
1 / 1

What is the default value of a float data type?

- A.
o
- B.
0.0f
- C.
0.0
- D.
0.0d

Question 11 of 30
Points
1 / 1

What is the result of the query `SELECT COUNT(*) FROM table_name`?

- A.
The sum of all numerical columns
- B.
The number of columns in the table
- C.
The number of rows in the table

D.

The total storage size of the table

Question 12 of 30

Points

1 / 1

Which keyword is used to inherit a class in Java?

A.

extends

B.

implements

C.

inherit

D.

super

Question 14 of 30

Points

1 / 1

If class A is marked as final, what will happen if you try to inherit it?

A.

The code compiles without error

B.

It causes a runtime error

C.

It causes a compilation error

D.

The child class overrides the parent methods

Question 15 of 30

Points

1 / 1

Which SQL command is used to remove a table and its data from the database?

A.

DROP TABLE

B.

DELETE TABLE

C.

REMOVE TABLE

D.

ERASE TABLE

Question 16 of 30

Points

1 / 1

If class A extends class B, which of the following is correct?

A.

A is the parent class, and B is the child class

B.

B is the parent class, and A is the child class

C.

Both are sibling classes

D.
None of the above
Question 17 of 30
Points
1 / 1

What happens when a class does not implement all abstract methods of an interface?

- A.
The program compiles successfully
- B.
The class must be declared abstract
- C.
A runtime exception occurs
- D.
It is ignored

Question 18 of 30
Points
1 / 1

What does the JOIN clause do in SQL?

- A.
Merges two tables based on a common condition
- B.
Deletes records from multiple tables
- C.
Updates columns in a table
- D.
Sorts the results in ascending order

Question 20 of 30
Points
1 / 1

What will be the output of the following code?

```
int a = 5 / 2;  
System.out.println(a);
```

- A.
2.5
- B.
3
- C.
2
- D.
Compiler Error

Question 21 of 30
Points
1 / 1

Which SQL command is used to fetch data from a database?

- A.
SELECT
- B.

INSERT

C.

UPDATE

D.

DELETE

Question 22 of 30

Points

1 / 1

What must a subclass do to implement an abstract method?

A.

Override it

B.

Declare it as final

C.

Leave it as it is

D.

Declare it as private

Question 23 of 30

Points

1 / 1

Which SQL function is used to get the current date and time?

A.

GETDATE()

B.

CURRENT_TIMESTAMP

C.

SYSDATE()

D.

All of the above

Question 24 of 30

Points

1 / 1

Which SQL keyword is used to create an alias for a table or column?

A.

RENAME

B.

AS

C.

ALIAS

D.

TABLE

Question 25 of 30

Points

1 / 1

Which of the following is not a primitive data type in Java?

A.

boolean

B.

float

C.

String

D.

char

Question 26 of 30

Points

1 / 1

What is the purpose of the GROUP BY clause in SQL?

A.

To filter rows based on a condition

B.

To aggregate data based on a column

C.

To combine multiple tables

D.

To delete duplicate rows

Question 27 of 30

Points

1 / 1

Which keyword is used to declare an abstract class in Java?

A.

interface

B.

abstract

C.

implements

D.

extends

Question 28 of 30

Points

1 / 1

What happens when a class inherits from multiple classes in Java?

A.

It causes a compile-time error

B.

It runs successfully

C.

It overrides the parent classes

D.

Java does not support multiple inheritance directly

Question 29 of 30

Points

1 / 1

Can we create an instance of an abstract class?

A.

Yes

B.

No

C.

Only if it contains no abstract methods

D.

Depends on the compiler

Which data type can store a single character in Java?

A.

String

B.

Char

C.

Character ans

D.

Both B And C

Which of the following is true about method overriding in Java?

A.

The method name must be different

B.

The method signature must match ans

C.

The return type must be void

D.

The final methods can be overridden

Which of the following data types can store fractional numbers?

A.

int

B.

short

C.

float

D.

double