

ELEMENTARY CONCEPT OF OBJECTS AND CLASSES

A. Tick (✓) the correct option.

- How do you create an object of class Car in Java?

a. Car car = new Car();	<input type="checkbox"/>	b. new Car car();	<input type="checkbox"/>
c. Car = new car();	<input type="checkbox"/>	d. object Car = new Car();	<input type="checkbox"/>
- What is the correct syntax to call a method named drive() of an object named myCar?

a. myCar->drive();	<input type="checkbox"/>	b. myCar.drive();	<input type="checkbox"/>
c. myCar:drive();	<input type="checkbox"/>	d. drive(myCar);	<input type="checkbox"/>

B. Fill in the Blanks

- Java allows objects to communicate through passing.
- The operator is used to create objects in Java.
- Objects contain, which represent their properties.
- A is a user-defined data type in Java.

C. Match the Following

Column A

- Constructor
- Message passing
- Dot (.) operator
- "new" keyword

Column B

- Used to call object methods
- Initializes an object
- Used to create an object
- Object communication

D. Short Questions

- What is message passing in Java?
- How does an object interact with another object?
- What is the role of a constructor when creating objects?
- Explain the syntax of creating an object in Java.