**Q1:**

**Ans:**

* public final void myMethod();
* protected void myMethod();
* private abstract void myMethod();

**Q2:**

**Ans:**

* B. The program compiles successfully and displays “Alex Richard John” as output.

**Q3:**

**Ans:**

* The program will compile and display “The sum of the numbers is: 250”as output.

**Q4:**

**Ans:**

* The program will compile successfully and execute by displaying the output, My name is Vikash.

**Q5:**

**Ans:**

* The program will lead to compile time error as explicit casting is required in the line, b = b + 10.

**Q6:**

**Ans:**

1. The program will compile successfully and execute displaying 1 and 202 as output.

**Q7:**

**Ans:**

The correct answer is A and B.

**Q8:**

**Ans:**

1. The program will lead to compile time error.

**Q9:**

**Ans:**

A.int num1, num2, num3; num1 = num2= num3= 10;

B.int num1, num2, num3 =10;

**Q10:**

**Ans:**

B. You can mark the name variable as private and provide the public method getName() which will return

its value.

**Q11:**

**Ans:**

1. The class A and B both must be within the same package.

**Q12:**

**Ans:**

1. The visibility of the local variables cannot be specified.

**Q13:**

**Ans:**

1. public static void main(String args[]) {....}

**Q14:**

**Ans:**

1. The program will display null.

**Q15:**

**Ans:**

1. private> default(within the package)> protected> public

**Q16:**

**Ans:**

1. String

**Q17:**

**Ans:**

1. abstract class Vehicle { abstract void move(); }

**Q18:**

**Ans:**

1. The program compiles successfully and displays “Welcome to the outer class 100 200” as output.

**Q19:**

**Ans:**

1. The program will lead to compilation errors as static variables cannot be declared within methods.

**Q20:**

**Ans:**

B. The program will lead to compilation error as the non‐static variables cannot be referenced from a static

context.

**Q21**:

**Ans:**

1. The program will compile successfully and display “com.kogent.Car Car” as output.

**Q22:**

**Ans:**

1. The program will display “Int value is: 30 Byte value is: 3” as output.

**Q23:**

**Ans:**

1. The program will lead to compilation error.

**Q24:**

**Ans:**

1. The program will compile successfully and display 10 as output.

**Q25:**

**Ans**:

1. The program will lead to compilation error.

**Q26:**

**Ans:**

1. The program will compile successfully and print “Suchita Vikash Deepak” as output.

**Q27:**

**Ans:**

1. The program will compile successfully but lead to runtime exception.

**Q28:**

**Ans:**

1. The program will lead to compilation error.

**Q29:**

**Ans:**

1. The program will compile successfully and display “MAY” as output.

**Q30:**

**Ans**:

1. getName()

D. isAuthenticate()