

QUESTION BANK ANSWERS

1. Ans : A,B,D

public final void myMethod();

private abstract void myMethod();

Protected void myMethod();

2. Ans: The program compiles successfully and displays “Alex Richard John” as output.

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

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

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

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

7. Ans :

A.arr2 = arr3;

B.arr2 = arr4;

8. Ans : The program will lead to compile time error.

9.Ans :

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

B. int num1, num2, num3 =10;

10.Ans : You can mark the name variable as private and provide the public method getName() which will return its value.

11. Ans : The class A and B both must be within the same package.

12.Ans : The visibility of the local variables cannot be specified.

13. Ans : public static void main(String args[]) {....}

14 .Ans : The program will display null.

15. Ans : private> default(within the package)> protected> public

16. Ans : String

17. Ans : abstract class Vehicle { abstract void move(); }

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

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

20. Ans : The program will lead to compilation error as the non-static variables cannot be referenced from a static context.

21. Ans : The program will compile successfully and display “com.kogent.Car Car” as output.

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

23. Ans : The program will lead to compilation error.

24. Ans : The program will compile successfully and display 10 as output.

25. Ans : The program will lead to compilation error.

26. Ans : The program will compile successfully and print “Suchita Vikash Deepak” as output.

27. Ans : The program will compile successfully but lead to runtime exception.

28. Ans : The program will lead to compilation error.

29. Ans : The program will compile successfully and display “MAY” as output.

30. Ans : getName() and isAuthenticate()