QUESTION BANK ANSWERS

1. Ans : A,B,D

public final void myMethod(); private abstract void myMethod(); Protected void myMethod();

1. Ans: The program compiles successfully and displays “Alex Richard John” as output.
2. Ans:The program will compile and display “The sum of the numbers is: 250”as output.
3. Ans:The program will compile successfully and execute by displaying the output, My name is Vikash.
4. Ans:The program will lead to compile time error as explicit casting is required in the line, b = b + 10.
5. Ans:The program will compile successfully and execute displaying 1 and 202 as output.
6. Ans :

A.arr2 = arr3;

B.arr2 = arr4;

1. Ans : The program will lead to compile time error.
2. Ans :
   1. int num1, num2, num3; num1 = num2= num3= 10;
   2. int num1, num2, num3 =10;
3. Ans : You can mark the name variable as private and provide the public method getName() which will return its value.
4. Ans : The class A and B both must be within the same package.
5. Ans : The visibility of the local variables cannot be specified.
6. Ans : public static void main(String args[]) { }

14 .Ans : The program will display null.

1. Ans : private> default(within the package)> protected> public
2. Ans : String
3. Ans : abstract class Vehicle { abstract void move(); }
4. . Ans : The program compiles successfully and displays “Welcome to the outer class 100 200” as output.
5. . Ans : The program will lead to compilation errors as static variables cannot be declared within methods.
6. Ans : The program will lead to compilation error as the non‐static variables cannot be referenced from a static context.
7. 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.

1. Ans : The program will lead to compilation error.
2. Ans : The program will compile successfully and display 10 as output.
3. Ans : The program will lead to compilation error.
4. Ans : The program will compile successfully and print “Suchita Vikash Deepak” as output.
5. Ans : The program will compile successfully but lead to runtime exception.
6. Ans : The program will lead to compilation error.
7. Ans : The program will compile successfully and display “MAY” as output.
8. Ans : getName() and isAuthenticate()