Q 6	Calculate the number of Java keywords present in the following Java code. Additionally, select any two keywords from the code and explain their significance in the context of the code.	5	CO1

```java
1  public class ComplexCalculation {
2      private static final double PI = 3.14159265359;
3      protected int num1 = 10;
4      static long num2 = 20L;
5
6      public static void main(String[] args) {
7          double result = PI * num1 + num2;
8          System.out.println("Result: " + result);
9      }
10 }
```

	Section B **20 Marks**		
Q 7	Create a Java program that demonstrates the use of a package called "Geometry." Inside this package, create a class named "Circle" that includes properties like "radius" and "area," along with appropriate methods to get and set these values. Then, import the "Geometry" package into another program to create and display the details of a circle object, including its area. **OR** Write a program for inventory management using the concept of Java exception handling that allows users to add, delete, and update items in a virtual inventory system, and handle situations such as adding duplicate items (DuplicateItem Exception) and attempting to delete items that do not exist (ItemNotFoundException). Make sure the program handles these exceptions gracefully.	10	CO3
Q 8	Create a Java class called "Bank" for the purpose of establishing and initializing account information, encompassing attributes like the account holder's name, account number (accNum), and account balance. Implement the following methods within your program: • incrementBalance(double percentage): This method should allow you to increment the account balance of an account holder by a given percentage. • displayDetails(): Create a method to display all the account details, including the account holder's name, account number, and current account balance. • accountHolderCount(): Implement a method to print the count of all account holders in the Bank. • averageBalance(): Develop a method to calculate and return the average account balance of all account holders.	2.5*4= 10	CO1