Java Programming (BCA-206) Question Bank

Short Type Questions
1. How to declare Boolean in Java?
2. What is use of super keyword in java?
3. What is inheritance in java?
4. What is package?
5. What is Scanner Class?
6. Why we use this keyword in Java?
7. How to declare array in Java?
8. What is the use of Final keyword in java?
9. What is InputStreamReader?
10. Why java is called strongly typed language?
11. What is byte code?
12. Why java is called robust language?
13. What is Thread?
14. How to use trim () in java?
15. Why java is called simple language?

Long Type Questions
Unit – I
1. What is constructor? How many types of constructor? Demonstrate all with suitable example.
2. How many types of Operator in java? Demonstrate all with suitable example.
3. What is inheritance? How many types of Inheritance with suitable example.
4. What is the difference between Method Overriding & Method Overloading with suitable example in java.
5. How to creating and using package in java? Demonstrate with suitable example. Write a program factorial of given no using package.
6. Explain the following with suitable example:
   (a) Abstract Class (b) Package (c) Interface (d) this & super keyword
7. What is Java Programming? Explain the features of Java Programming. How to input through keyboard in Java.
8. What is interface? Give the form of a class that implements interface. How to extend one interface into another interface demonstrate with suitable example.

Unit – II
9. What is Thread? Explain the different ways of using threads in java with suitable examples. Write a program to print table by using Synchronization in java.
10. Describe the following:
    (a) InputStreamReader   (b) FileReader   (c) FileWriter (d) Syatem.in (e) System.out
11. What is Exception Handling? Difference between Checked Exception & Unchecked Exception with suitable example.
12. Explain different Access Specifier in Java with suitable example.
13. Define I/O Stream. Write a program to illustrate the use of all I/O Stream.
14. How to use String and String Buffer in java? Provide an example to demonstrate the following terms:
    (a) charAt()   (b) indexOf() (c) length()   (d) equalsIgnoreCase() (e) substring()
    (f) capacity()
15. Explain the following terms with respect to Exception Handling. Provide an example to demonstrate the following terms: -
    (a) try (b) catch (c) finally (d) throw (e) throws