Class : B.Tech Semester-III   Branch : CSE/IT/AIDS/CSN

Subject:- Object Oriented Programming with Java (C2310C1)

Question Bank on U it-1, 2, 3 & 4

1) Discuss the characteristics of Object Oriented Programming.
2) Write a note on Java Virtual Machine.
3) JVM is platform dependent. Justify.
4) How is for-each loop is used in Java? Illustrate with a suitable example.
5) Explain Data Types in detail with example.
6) Explain any three methods of StringBuffer class with appropriate example.
7) Create a two dimensional array. Instantiate and Initialize it.
8) Differentiate String class and StringBuffer class.
9) What is a Jagged Array in Java ? How is a Jagged array declared and defined in Ja
10) Define following. 1) Byte code 2) Java Virtual Machine
11) Explain type-conversion in java.
12) Compare different types of variables in Java with a suitable example.
13) What is the difference between while and do-while statement
14) Discuss any three features of Java Programming Language
15) Differentiate between constructor and method of a class
15) How is "this" keyword used to access the data members in a class? Explain it with a suitable Java program.
16) Declare a class "Product" which has private data members such as "id", "name" And "price". Write constructors for "Product" class, display() method to display values of the objects.
17) Write a program to create circle class with area function to find area of circle.
18) Enlist types of constructors. Explain any two with example.
19) Explain static variable and static method with example
20) What are the different access control/specifiers in Java. Explain "default" access control using the Java code.
21) How is "this" keyword used to access the data members in a class? Explain it with a suitable Java program.
22) Illustrate the concept of polymorphism/method overloading in Java with a Suitable example.
23) What is wrapper class? What is the use of wrapper class in Java?
24) Differentiate between method overloading and method overriding.
25) Explain the uses of "static " keyword in Java.
26) Write a program to implement the Fibonacci series using for loop control statement.

27) Explain features of JAVA.

28) Explain instanceof operator.

29) Write a program to create circle class with area function to find area of circle

30) Explain static keyword with example

31) Explain the concept of multilevel inheritance with a suitable example.

32) Explain the concept of multiple inheritance with a suitable example.

33) Differentiate between method overloading and method overriding

34) Describe Inheritance and its type with suitable example.

35) Discuss Following with example: (i) super Keyword (ii) final Keyword (iii) this Keyword.

36) What is dynamic method dispatch? Explain with suitable example.

37) What do you mean by Interface? Explain with an example.

38) Explain Primitive data type and wrapper class data types.

39) Explain Exception handling in JAVA.

40) Discuss exception and error in Java

41) Explain use of throws keyword in exception handling with example.

42) When do we use throw statement? Explain it by giving an example

43) What is the keyword throws used for? Illustrate with a suitable example

44) Explain any three built-in exceptions with examples.

45) Compare interface and abstract class with suitable example

46) Why is finally block used in exception handling? Illustrate with a suitable example.

47) Write a program to rise and handle divide by zero exception.

48) Explain the following keywords
   a) try   b)catch c) throw