Name of subject: JAVA PROGRAMMING   **Unit Test :I**
Subject code: 17515   **Course : CM**
Semester: V

CHAPTER1: Introduction to Java (16 Marks)

3 Marks

1. Write all primitive data types available in java with their storage size in bytes.

2. Illustrate with Example the use of switch case statement.

3. Write a Program to generate Fibonacci series.

4. Explain any 4 features of java.

5. Describe various bitwise operators with example.

4 Marks

6. What is Byte-code? Explain JVM.

7. Why java is not 100% (true) Object oriented language.

8. Explain the use of break statement in java with example.

9. Explain Relational and Logical Operator in java.

10. What is type casting? Explain with example.

CHAPTER 2: Classes, Objects & Methods(24 Marks)

3 Marks

11. Define a class 'Person' with data members as name and age. Accept and display data for one objects .Differentiate between Method Overloading and Method overriding.

12. Define a class 'Employee' with data members as empid , name and salary. Accept data for five objects and print it.

13. Explain Constructor overloading with suitable example.

14. What is garbage collection and finalize() Method in java?

15. Explain the following method of vector class:

           1. elementAt ( )   2.addelement ( )

           3. insertelementAt ( )   4.removeelement ( )

16. Describe the access specifiers in Java.

4 Marks

17. Illustrate with example the use of Static members with example.

18. Explain following methods of String class with suitable example.

        2. charAt( )   2.compareTo( )

        3. equals ( )   4.length ( )

19. What is Vector? How it differs from array? Explain.

20. Describe general structure of class and how to create object with example.

21. Write a program to calculate percentage of 4 subjects and print in suitable format.

22. Write a program to accept a string from the console and count number of vowels in a string.

23. Give the steps to specify how the java invokes overloaded methods.

24. List various Wrapper Classes. Give any four methods of Integer wrapper class.