Unit I

1. List features of following Programming Paradigms
    a. Procedural
    b. Object Oriented
    c. Functional
    d. Logic
2. What is Language Standardization?
3. What are the criteria's to select syntax?
4. List the components of Programming language.
5. Explain the process of translation
6. What are the types of composite data types?
7. Write a short note on Scalar data type
8. Explain properties of elementary data types
9. Why data types are required in programming languages
10. Explain role of a programming language.

Unit II

1. Write a program for testing a string whether it is palindrome or not
2. Write a program to sort group of Integers
3. Short note on JVM
4. Write a Java Program to Display All Prime Numbers from 1 to 100(Use Continue Statement)
5. Write Java Program to Find factorial of a mymber(Use of decision making statement)
6. Difference between primitive data types vs user defined
7. List and explain methods of string Class
8. Write a short note history of Java
9. Which are different ways of declaring arrays in Java
10. Write a program to find addition of matrix

Unit III

1. What are classes and object. Explain with example.
2. With example explain types of inheritance
3. List different types of constructor.
4. Why interfaces are required.
5. What are packages?

Unit IV

1. Which are different types of exceptions
2. Explain concepts of synchronization
3. How to create thirds
4. How to create user defined exceptions
5. List and explain built in Exceptions

Unit V

1. List and explain predicates in LISP
2. Explain recursion in LISP
3. Explain symbol manipulation functions
4. How to use lambda function
5. Which are elements of LISP
6. Explain data types in prolog
7. Features of prolog
8. Explain syntax and semantics of Prolog
9. How arithmetic operations are performed in Prolog
10. Which operators are used in Prolog