**Module 3**

**Class and Object**

* Introduction to class, class members, Creating instances of class
* Static variable, object, block, methods and final
* Array :1D & 2D
* Command line arguments, Scanner class
* Constructors Overloading: method, constructor

1. Write down uses of static keyword. (uses and program)
2. What is method overloading? Illustrate this with an example.
3. Case based - method overloading
4. 1D - sorting and searching
5. 2D - matrix
6. Methods of Scanner class
7. What is constructor? What are different types of constructor?
8. Write differences between default and parameterized constructor?
9. What is constructor overloading? Illustrate with an example.
10. Case based -constructor overloading
11. What are uses of ‘this’ keyword. Give example.