

### **1) What is Programming language ?**

Ans:- A set of instructions that instruct a computer how to carryout a task is called programming language.

### **2) Why do we need a programming language ?**

Ans:- we need a programming language because it is readable , writable and understandable for humans and we can easily converted into machine level language so that it enhance the power of a computer.

### **3) What are the features of Java ?**

Ans:- The main features of java is

- a) It is OOPs language.
- b) It is platform independent.
- c) It is portable , simple and secure.
- d) It is Multi – threaded.
- e) It is Robust type

### **3) What is an Object ?**

Ans:- An object is an entity with state and behaviour, such as a chair, bike, marker, pen, table, or car. It could be intellectual or physical (tangible and intangible).

### **4) What is a class ?**

Ans:- A class is a collection of items with similar characteristics. It serves as a model or blueprint from which thing can be made. It makes sense as a whole. It cannot be bodily.

### **5) Explain about the main() method in Java?**

Ans:- Without the main method , JVM will not execute the program.

Syntax of main method is “ public static void main (String []args)”.

- a) Public :- It is for visibility. It means JVM will find where the program is actually be executed.
- b) Static :- This keyword call the main method without creating an object.
- c) Void :- It acknowledges the compiler that the main() method does not return any value.
- d) Main() :- JVM starts the execution of a program line by line and end the execution after compilation of this method.
- e) String []args :- This method accept the data from the command line of a user.