

**Q1. What is a programming language?**

Ans :- Making a set of instructions that instruct a computer how to carry out a task is the process of programming. There are numerous computer programming languages available for use in programming.

There are three category of Programming languages:-

1. Machine Level language
2. Assembly level language
3. High level language

**Q2. What do we need a programming language?**

Ans :- Programming language is important in our daily life to enhance and increase the power of computers, mobile solutions, and the internet . There are numerous examples you may come to know when you are going to learn a programming language.

1. Not just for academics, but for the real as well, all programming is done.
2. Due to programmes developed by computer programming , you can conduct online banking and purchase your ticket while traveling by train or airplane. It's true washing machines have few different kinds of computer programs. Programming makes it possible for all of these things and many more.

**Q3. What are features of java?**

Ans :- There are many features of java

1. Simple
2. Portable
3. Object - Oriented
4. Platform independent
5. Robust
6. Multi - threaded
7. Distributed

**4Q. What is an Object?**

Ans :- A class's instances are objects. A class serves as a model or blueprint from which new objects can be made. Therefore, a class's instance(or result) is an object.

An object has three characteristics:

1. State
2. Behavior
3. Identity

**Q5. What is class?**

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

**Q6. Explain about the main() method in java?**

Ans :- The main() in the starting point for JVM to start execution of a java program. Without the main() method , JVM will not execute the program. The syntax of the main() method is public , it

is an access specifier. We should use a public keyword before the main() method so that JVM can identify the execution point of the program.

There are some keyword in main() method:-

1. Public
2. Static
3. Void
4. String argos[]