**Q. Can we overload the main method?**

Yes

**Q. A Java Constructor returns a value but, what?**

No. Java constructor cannot return a value. If required, just create a method which calls the required constructor and returns the required value.

**Q. Can we create a program without main method?**

Yes You **can** compile and execute **without main method** By using static block

**Q. What are the six ways to use this keyword?**

* this can be used to get the current object.
* this can be used to invoke current object's method.
* this() can be used to invoke current class constructor.
* this can be passed as a parameter to a method call.
* this can be passed as a parameter to a constructor.
* this can be used to return the current object from the method

**Q. Why is multiple inheritance not supported in Java?**

**Java supports multiple inheritance** through interfaces only. A class can implement any number of interfaces but can extend only one class. **Multiple inheritances** is **not supported** because it leads to deadly diamond problem.

The problem with multiple inheritance is that two classes may define different ways of doing the same thing, and the subclass can't choose which one to pick.

**Q. Why use aggregation?**

When an object A contains a reference to another object B or we can say Object A has a HAS-A relationship with Object B, then it is termed as Aggregation.

Aggregation helps in reusing the code. Object B can have utility methods and which can be utilized by multiple objects. Whichever class has object B then it can utilize its methods.

**Q. Can we override the static method?**

**Q. What is the covariant return type?**

**Q. What are the three usages of Java super keyword?**

**Q. Why use instance initializer block?**

**Q. What is the usage of a blank final variable?**

**Q. What is a marker or tagged interface?**

**Q. What is runtime polymorphism or dynamic method dispatch?**

**Q. What is the difference between static and dynamic binding?**

**Q. How downcasting is possible in Java?**

**Q. What is the purpose of a private constructor?**

**Q. What is object cloning?**

**Q. What will we learn in OOPs Concepts?**

**Q. Advantage of OOPs**