Question 1 = What is a Constructor?

Answer = A constructor in Java is a special method that is used to initialize objects. The constructor is called when an object of a class is created.

Question 2 = What is Constructor Chaining?

Answer = Constructor chaining is the process of calling a sequence of constructors. We can do it in two ways: by using this() keyword for chaining constructors in the same class. by using super() keyword for chaining constructors from the parent class.

Question 3 = Can we call a subclass constructor form a super class constructor?

Answer = The super class constructor can be called from the first line of a subclass constructor by using the keyword super and passing appropriate parameters to set the private instance variables of the super class.

Question 4 = What happens if you keep a return type for a constructor?

Answer = If we add a return type to a constructor, then it will become a method of the class. This is the way java runtime distinguish between a normal method and a constructor.

Question 5 = what is no-arg constructor?

Answer = Java private no-arg constructor

Here, the constructor does not accept any parameters. Hence, it is known as a no-arg constructor.

Question 6 = When do we need constructor overloading?

Answer = As construction overloading enables the creation of the object of a specific class in several ways, it is most commonly used in Java programs based on the requirement of the programmer. With the use of constructor overloading, objects can be initialized with different data types.

Question 7 = What is default constructor Explain with an Example?

Answer = Example 5: Default Constructor

Hence, the Java compiler automatically creates the default constructor. The default constructor initializes any uninitialized instance variables with default values. In the above program, the variables a and b are initialized with default value 0 and false respectively.