1.OOP’s concept – Class, Objects Polymorphism, Inheritance and Encapsulation

2.Java Programming essentials- Object Instances, method overloading/overriding concepts and packages

3.Control Statements – While, do-While, Switch, If statements – This will help us in writing the scripts for multiple scenario statements and decision making scenarios.

4.Looping statements – This will help us in scenarios like, iterating through a large table to find a record that you want and Running the same test for multiple number of times.

5.Arrays Concepts – This will help us in having some set of datas of same type in a static way.

6.Threads and MultiThreading Concepts – This will help us in making run our scripts in different threads that will help us in achieving better performance.

7.Java Collections Framework – ArrayLists and HashMaps – This will help us in maintaining a collection of data’s. Particularly useful for scenarios where you need to compare the data from Web app UI with the DB. [OR] From UI to another UI

8.File Streams – This will be helpful in externalization of data through CSV, Excel or Java Properties file.

**1-**[**Write code to filter duplicate elements from an array and print as a list?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q1) **2-**[**Write code to sort the list of strings using Java collection?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q2) **3-**[**Write a function to reverse a number in Java?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q3) **4-**[**Write a method to check prime no. in Java?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q4) **5-**[**Write a Java program to find out the first two max values from an array?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q5) **6-**[**Write a Java program to find the longest substring from a given string which doesn’t contain any duplicate characters?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q6) **7-**[**Write Java code to get rid of multiple spaces from a string?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q7) **8-**[**Write Java code to identify a number as Palindrome?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q8) **9-**[**Write Java code to swap two numbers without using a temporary variable?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q9) **10-**[**Write a Java program to demonstrate string reverse with and without StringBuffer class?**](http://www.techbeamers.com/java-coding-questions-software-testers/#q10)