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|  | MCQ - 50 | Duration : 1hr |
| S.No | Section | Topics |
| 1 | Core Java | Core Java (OOPs & Basic Programming Concepts) |
| 2 |  | Java 8 - Streams |
| 3 |  | Java 8 - Lambda |
| 4 |  | Expressions |
| 5 |  | Java 8 - Functional Interfaces |
| 6 |  | Collections |
| 7 |  | OOPS |
| 8 |  | Operators |
| 9 |  | Threads |
| 10 |  | Exception Handling |
| 11 |  | Interfaces |
| 12 | Restful Services | Spring MVC |
| 13 |  | Spring Core |
| 14 |  | Restful Services |
| 15 | Deployment & Server Config | Maven |
| 16 |  | Server Config |
| 17 |  | UML |
| 18 |  | Log4J |
| 19 |  | Coding Standards |
| 20 |  | Unit Testing |
| 21 | Database | Oracle |
| 22 |  | MySQL |
| 23 |  | Tables, View, Query Constructs |
| 24 | HTML | Javascript |
| 25 |  | HTML |
| 26 |  | CSS |

Prep Assessments Topics in Detail

EIQ Coverage

*Topics in Practice Test:*

1. Core Java
2. Data Types (Array, Strings & Vectors)
3. Java Collections
4. UML Diagrams
5. Unit Testing (Junit

*Topics in Practice Test 1:*

1. JSP
2. Servlets
3. JDBC

*Topics in Assessment 2:*

1. Java 8

* Generics
* Lambdas
* Streams
* Functional Programming
* Multithreading

1. Java Design Patterns

*Topics in Assessment 3:*

1.         General maven questions

2.         Directory Structure, Dependency Management Plugins

3.         Understanding POM Build and test a project Excluding dependencies, Properties in pom.xml

4.         Maven POM

5.         Create Build and test Project

6.         Dependencies, Deployment Automation

7.         Maven Class loading

8.         Repositories & Toolchains

9.         Build Profile & Build Settings

10.       Archetypes, Build Lifecycles, Phases & goals

11.       Web Application, Snapshot & Plugin

***LP Preparatory Assessment 4 – Topics:***

1. JavaScript
   1. Forms
   2. Events & Event Handlers
   3. Basis
   4. Array
   5. Functions
2. CSS3
3. HTML5
4. SQL Queries & RDBMS Fundamentals

***LP Preparatory Assessment 5 – Topics:***

* 1. Spring Frameworks
  2. Spring Core & Container
  3. Spring DI
  4. Spring IOC
  5. Auto wiring and Bean Lifecycle.
  6. Scope and Lazy Instantiations

***LP Preparatory Assessment 6 – Topics:***

MVC Patterns

• Spring Frameworks

• Spring MVC

• Validations

• Configs & Mapping

***LP Preparatory Assessment 7 – Topics:***

* 1. ORM Hibernate
  2. Spring Security
  3. Rest API

**Complete List:**

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| --- | --- | --- |
| S.No | Assessment Name | Topics Covered |
| 1 | LP Java Prep Assessment | UML & Core Java (Week 1 Topics / Assessment) |
| 2 | LP Java Prep Assessment-1 | JSP, Servlets, JDBC |
| 3 | LP Java Prep Assessment 2 | Core Java , Java 8 (Week 2 Topics / Assessment) |
| 4 | LP Java Prep Assessment 3 | Maven ( Week 3  Topics/ Assessment) |
| 5 | LP Java Prep Assessment 4 | JS, DB Basics and HTML & CSS (Week 3 Topics) |
| 6 | LP Java Prep Assessment 5 | Spring Core (Week 4 Topics / Assessment) |
| 7 | LP Java Prep Assessment 6 | Spring MVC (Week 5 Topics / Assessment) |
| 8 | LP Java Prep Assessment 7 | ORM Hibernate, Spring Security & Rest API (Week 6 & 7 Topics / Assessment) |
| 9 | LP Java Mock EIQ Assessment | It’s a Java EIQ mock assessment |
| 10 | LP Java Mock EIQ Assessment | It’s a Java EIQ mock assessment |

**Most recommendable portal for our Java EIQ and JEE Coverage.**

<https://howtodoinjava.com/>

<https://www.javatpoint.com/>

<https://javarevisited.blogspot.com/>

<https://www.javacodegeeks.com/>

<https://dzone.com/>

<https://www.baeldung.com/>

<https://docs.oracle.com/>

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| S.No | Assessment Name | Topics Covered | Date |
| 1 | LP Java Prep Assessment | UML & Core Java (Week 1 Topics / Assessment) | 15-07-2022 |
| 3 | LP Java Prep Assessment 2 | Core Java , Java 8 (Week 2 Topics / Assessment) | 17-07-2022 |
| 5 | LP Java Prep Assessment 4 | JS, DB Basics and HTML & CSS (Week 3 Topics) | 18-07-2022 |
| 2 | LP Java Prep Assessment-1 | JSP, Servlets, JDBC | 19-07-2022 |
| 4 | LP Java Prep Assessment 3 | Maven ( Week 3  Topics/ Assessment) | 23-07-2022 |
| 6 | LP Java Prep Assessment 5 | Spring Core (Week 4 Topics / Assessment) | 23-07-2022 |
| 7 | LP Java Prep Assessment 6 | Spring MVC (Week 5 Topics / Assessment) |  |
| 8 | LP Java Prep Assessment 7 | ORM Hibernate, Spring Security & Rest API (Week 6 & 7 Topics / Assessment) |  |
| 9 | LP Java Mock EIQ Assessment | It’s a Java EIQ mock assessment |  |
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|  | Front End | Middle Layer | Database | Testing | CI/CD | Dates |
| Version 1 | Console-Java | Java | Mysql | Junit |  | 14-07-2022 |
| Version 2 | Html+Css(bootstrap/jquery/javascript) | Servlet/JSP/Web.xml | Mysql | Junit |  | 22-07-2022 |
| Version 3 | Html+Css(bootstrap/jquery/javascript) | Spring MVC +Jdbc template | Mysql | Junit | Maven |  |
| Version 4 | Html+Css(bootstrap/jquery/javascript) | Spring boot+Hibernate+Rest Api+Spring Security | Mysql | Junit | Git/Maven/Jenkins/Docker |  |