# **Java Training (Wipro)**

# Faculty Name:

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| **Days** | **Topics** | **Sub Topics** | | | **Questions** | |  |
| Day 1 | Basic Concepts of Programming | Arithmetic Operators,Relational and Logical Operators, Bitwise Operator, Ternary Operator, the if statement, The switch statement, Nesting of if statements, The for statement, Nested for loops, The while statement, The do while statement, The break and continue statement | | | https://tests.mettl.com/authenticateKey/2bd025dc | |  |
| https://tests.mettl.com/authenticateKey/dbdac2a9 | |  |
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| Day2 | Arrays: | Command Line Arguments,Scanner class,Introduction to arrays ,Programming using Arrays, Array | | | https://tests.mettl.com/authenticateKey/454f012b | |  |
| https://tests.mettl.com/authenticateKey/9f87004e | |  |
| Day 3 | OOPs | Introduction to Object Oriented Programming,Classes and Objects,Methods - Access specifiers, invoking methods, Passing parameters to Methods, Returning values from Method | | | <https://tests.mettl.com/authenticateKey/87c41143> | |  |
| https://tests.mettl.com/authenticateKey/b7aac4a5 | |  |
| Day 4 | Encapsulation,  Polymorphism,  Inheritance. | Method Overloading, Inheritance, Method Overriding, Runtime Polymorphism, Encapsulation. Inheritance  Types of inheritance | | | <https://tests.mettl.com/authenticateKey/783a1fcf> | |  |
| <https://tests.mettl.com/authenticateKey/738fdee0> | |  |
| Day 5 | Constructor | Constructors,The super keyword,This keyword, instanceOf, Conversion and casting | | | <https://tests.mettl.com/authenticateKey/e46500f5> | |  |
| https://tests.mettl.com/authenticateKey/d612c0e6 | |  |
| Saturday | Assessment 1 | | | | | |  |
| Day 6 | Abstraction/Package | Abstract methods and Abstract classes, , Interfaces: Package, import and static import | | | <https://tests.mettl.com/authenticateKey/be582d9f> | |  |
| <https://tests.mettl.com/authenticateKey/387952fc> | |  |
| Day 7 | Exception Handling | Introduction to Exception Handling, The try-catch blocks and flow of programs, The finally block, Throwing an exception, The throws clause, Rethrowing an exception, Checked and Unchecked exceptions, User defined exceptions | | | <https://tests.mettl.com/authenticateKey/4a72723f> | |  |
| <https://tests.mettl.com/authenticateKey/e4df74e5> | |  |
| Day 8 | Wrapper Class | Wrapper classes, Autoboxing and Unboxing, Variable Argument, Method Overloading with Widening, Autoboxing and Variable Argument | | | <https://tests.mettl.com/authenticateKey/75c9faf0> | |  |
| <https://tests.mettl.com/authenticateKey/1557c062> | |  |
| Day 9 | String handling | The Object class - toString method, String, StringBuffer, StringBuilder Classes, | | | <https://tests.mettl.com/authenticateKey/cbe4c4da> | |  |
| <https://tests.mettl.com/authenticateKey/8e68e9a4> | |  |
| <https://tests.mettl.com/authenticateKey/92437794> | |  |
|  | | | | | | <https://tests.mettl.com/authenticateKey/6d825776> |  |
| Day 10 | Collection | Collection framework and collection interfaces List, Queue, Set and Map, List classes, For-each method for collection and iterators | | | <https://tests.mettl.com/authenticateKey/596e522f> | |  |
| Saturday | Assessment 2 | | | | | |  |
| Day 11 | Map | Set classes,Map classes | | | https://tests.mettl.com/authenticateKey/7db6c8a4 | |  |
| Day 12 | Collections Class | The equals method and hashcode method, Comparator and hashCode (), Collections Class | | | <https://tests.mettl.com/authenticateKey/592740f3>  <https://tests.mettl.com/authenticateKey/aedcc3a6> | |  |
| Day 13 | IO | Java input and output, Streams, byte streams and character streams, InputStream, OutputStream, Reader, Writer, File, FileInputStream, BufferedInputStream, FileOutputStream, BufferedOutputStream, FileReader, BufferedReader, FileWriter, BufferedWriter InputStreamReader, OutputStreamWriter | | | <https://tests.mettl.com/authenticateKey/1ddbe65e> | |  |
| <https://tests.mettl.com/authenticateKey/13486c16> | |  |
| **SATURDAY** | | | **ASSESSMENT-3** | | | |  |
| Day 14 | Serialization | Serialization-Object writing in file and reading, Marker Interface | | | <https://tests.mettl.com/authenticateKey/f05028d5> | |  |
| <https://tests.mettl.com/authenticateKey/d2272e10> | |  |
| Day 15 | Multithreading | Multithreaded programs, Thread class and Runnable interface, Synchronization | | | <https://tests.mettl.com/authenticateKey/814effc3> | |  |
| <https://tests.mettl.com/authenticateKey/5106dfd> | |  |
| Saturday |  |  | | |  | |  |
| Day 16 | JUNIT , Introduction to ANT | Junit and annotations | | | https://tehttps://tests.mettl.com/authenticateKey/814effc3 | |  |
| Day 17 | RDBMS SQL & PL/SQL | Introduction to RDBMS, DDL, DML, DCL, TCL, joins, procedure, functions | | | [https://tehttps://tests.mettl.com/authenticateKey/814effc3](https://tehttps://tests.mettl.com/authenticateKey/814effc3https://tests.mettl.com/authenticateKey/5106dfdtsts.mettl.com/authenticateKey/814effc3)  [https://tests.mettl.com/authenticateKey/5106dfdtsts.mettl.com/authenticateKey/814effc3](https://tehttps://tests.mettl.com/authenticateKey/814effc3https://tests.mettl.com/authenticateKey/5106dfdtsts.mettl.com/authenticateKey/814effc3) | |  |
| Day 18 | JDBC | Jdbc DRIVER TYPES, Statement, Preparedstatement, Callable statement | | | [https://tests.mettl.com/authenticateKey/5106dfdtsts.mettl.com/authenticateKey/814effc3](https://tehttps://tests.mettl.com/authenticateKey/814effc3https://tests.mettl.com/authenticateKey/5106dfdtsts.mettl.com/authenticateKey/814effc3) | |  |
| Day 19 | HTML , CSS and java Script. | Basic tags of html4,html5 Introduction to javascript, functions, object, read data of html in javascript | | | <https://tests.mettl.com/authenticateKey/783a1fcf>  <https://tests.mettl.com/authenticateKey/738fdee0>  https://tests.mettl.com/authenticateKey/f05028d5  https://tests.mettl.com/authenticateKey/d2272e10 | |  |
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| Day 20 | Servlet Concepts | Introduction od Servlet, life cycle of servlet, request, response, state management, servlet communication, database connectivity  Automata based Fixed | | | <https://tests.mettl.com/authenticateKey/e46500f5>  <https://tests.mettl.com/authenticateKey/5106dfd> | |  |
| Saturday | Assessment4 |  | | |  | |  |
| Day 21 | JSP | JSP life cycle, objects, script tags, | | | <https://tests.mettl.com/authenticateKey/783a1fcf>  <https://tests.mettl.com/authenticateKey/738fdee0> | |  |
| Day 22 | JSP | Action and directives | | | https://tests.mettl.com/authenticateKey/f05028d5  https://tests.mettl.com/authenticateKey/d2272e10 | |  |
| Day 23 | XML | Introduction to xml, DTD | | | <https://tests.mettl.com/authenticateKey/e46500f5>  <https://tests.mettl.com/authenticateKey/5106dfd> | |  |
| **SATURDAY** | | | | **Assessment 5** | | |  |  |  |

**Assessment off line: weekly**

**Two logic building program and 30 marks MCQ (30 questions)**

1: Friday: 26/6/2022

2: Friday: 3/7/2021

3: Friday: 10/7/2021

4: Friday : 17/7/2022

5: Friday :24/7/2022