



Syllabus for the post of SENIOR TECHNICAL ASSISTANT
(Integrated Information System (IIS) Division)
(WRITTEN TEST & SKILL TEST)

Concepts of Object-Oriented Programming	<ul style="list-style-type: none">- Encapsulation- Class, object- Inheritance- Polymorphism- Understanding UML Diagrams
Java Programming	<ul style="list-style-type: none">- Condition, Loop, Function, Class, Package- String, Array, Collection, Iterator- Exception Handling, Abstract Class, Interface, Polymorphism- I/O operations, Streams, File handling- Database Connectivity- SQL Query and Stored Procedure Call
Java Web Application Development	<ul style="list-style-type: none">- Java EE- JVM and Java Web Framework- Java Server Pages- Spring Framework- Application Server (tomcat)- REST API
Frontend Technologies	<ul style="list-style-type: none">- HTML, XML, CSS, JavaScript- JQuery, Bootstrap, AJAX
IDE	<ul style="list-style-type: none">- Netbeans- Eclipse
SQL Query	<ul style="list-style-type: none">- Insert, Update, Delete- b. Stored Procedures, View, Function- c. Joining, Group By
