

## Instruction Sheet for the Candidate

<b>Qualification</b>	Jr. Programmer JAVA ( <b>Mobile App, Web &amp; Game Development</b> )
<b>Competency Standard</b>	Develop Java based Solutions
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name_____
	Registration/Roll Number_____
<b>Guidance for Candidate</b>	<p><b>To meet this standard, you are required to complete the following within 03 Hrs. time frame (for practical demonstration &amp; assessment):</b></p> <ul style="list-style-type: none"> <li>• Learn Java Libraries</li> <li>• Solve the Problems using Java</li> </ul>
<b>Time: 03 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to :
<b>Minimum Evidence Required</b>	<p><b>Learn Java Libraries</b></p> <ol style="list-style-type: none"> <li>1. List important Java libraries.</li> <li>2. List the library features offering useful functionalities</li> </ol> <p><b>Solve the Problems using Java</b></p> <ol style="list-style-type: none"> <li>1. Create new java project</li> <li>2. Implement sequential structure</li> <li>3. Implement conditional structure</li> <li>4. Implement iterative structure</li> <li>5. Define/write user define functions</li> <li>6. Create the classes / interfaces as per program requirement</li> <li>7. Write java code solving the problem</li> </ol>

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Jr. Programmer JAVA ( <b>Mobile App, Web &amp; Game Development</b> )
<b>Competency Standard</b>	Develop Java based Solutions
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>• Learn Java Libraries</li> <li>• Solve the Problem using Java</li> </ul>

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. List important Java libraries.	<input type="checkbox"/>	<input type="checkbox"/>
2. List the library features offering useful functionalities	<input type="checkbox"/>	<input type="checkbox"/>
3. Create new java project	<input type="checkbox"/>	<input type="checkbox"/>
4. Implement sequential structure	<input type="checkbox"/>	<input type="checkbox"/>
5. Implement conditional structure	<input type="checkbox"/>	<input type="checkbox"/>
6. Implement iterative structure	<input type="checkbox"/>	<input type="checkbox"/>
7. Define/write user define functions	<input type="checkbox"/>	<input type="checkbox"/>
8. Create the classes / interfaces as per program requirement	<input type="checkbox"/>	<input type="checkbox"/>
9. Write java code solving the problem	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature \_\_\_\_\_ Assessor's Signature \_\_\_\_\_

Date: \_\_\_\_\_



## Observation Checklist

<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>Learn Java Libraries</li> <li>Solve the Problem using Java</li> </ul>			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	List important Java libraries.			
2.	List the library features offering useful functionalities			
3.	Create new java project			
4.	Implement sequential structure			
5.	Implement conditional structure			
6.	Implement iterative structure			
7.	Define/write user define functions			
8.	Create the classes / interfaces as per program requirement			
9.	Write java code solving the problem			
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	Jr. Programmer JAVA ( <b>Mobile App, Web &amp; Game Development</b> )
<b>Competency Standard</b>	Develop Java based Solutions
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<p><b>COMPETENT</b> <input type="checkbox"/>                      <b>NOT YET COMPETENT</b> <input type="checkbox"/></p> <p>Name of the Assessor: _____</p> <p>Assessor's code: _____</p> <p>Signature of the Assessor: _____</p>

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

	Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)	Satisfactory	Not Satisfactory
1.	What are repetition structures?     		
2.	Name any two conditional structures in Java.     		
3.	Differentiate between a class and an instance.		

**Feedback to the Candidate**

**Candidate's Signature** \_\_\_\_\_ **Assessor's Signature** \_\_\_\_\_