

Instruction Sheet for the Candidate

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	<ol style="list-style-type: none"> 1. Identify produce maturity 2. Perform harvesting 3. Perform sorting and grading
Purpose of Assessment	Summative Assessment
Candidate Details	Name _____ _____ Registration/Roll Number _____
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within time frame (for practical demonstration & assessment):</p> <p>“ Perform harvesting and post-harvest operations “</p>
Time: 03 Hrs.	During a practical assessment, under observation by an assessor, you are required to:
Minimum Evidence Required	<ul style="list-style-type: none"> • Perform maturity indices procedures to check produce maturity • Perform physical/chemical maturity parameter • Perform harvesting of produce as per requirement • Perform sorting and grading of produce • Perform packaging of produce • Perform postharvest handling (storage/ transportation) of produce

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	1. Identify produce maturity 2. Perform harvesting 3. Perform sorting and grading
Purpose of Assessment	Summative Assessment
Assessment Task	1. Perform harvesting and post-harvest operations.

I can.....

Performance Criteria	Yes	No
1. Perform maturity indices procedures to check produce maturity	<input type="checkbox"/>	<input type="checkbox"/>
2. Perform physical/chemical maturity parameter	<input type="checkbox"/>	<input type="checkbox"/>
3. Perform harvesting of produce as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
4. Perform sorting and grading of produce	<input type="checkbox"/>	<input type="checkbox"/>
5. Perform packaging of produce	<input type="checkbox"/>	<input type="checkbox"/>
6. Perform postharvest handling (storage/ transportation) of produce	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature _____ Assessor's Signature _____

Date: _____

Assessors Judgment Guide

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	<ol style="list-style-type: none">1. Identify produce maturity2. Perform harvesting3. Perform sorting and grading
Purpose of Assessment	Summative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____

Assessment Outcome	COMPETENT <input type="checkbox"/>	NOT YETCOMPETENT <input type="checkbox"/>
	Name of the Assessor _____	
	Assessor's code: _____	
	Signature: _____	

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

Observation Checklist

Assessment Task	. 1. Perform harvesting and post-harvest operations.		
During the practical assessment, candidate demonstrated the following:	Yes	No	Remarks

1. Perform maturity indices procedures to check produce maturity	<input type="checkbox"/>	<input type="checkbox"/>
2. Perform physical/chemical maturity parameter	<input type="checkbox"/>	<input type="checkbox"/>
3. Perform harvesting of produce as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
4. Perform sorting and grading of produce	<input type="checkbox"/>	<input type="checkbox"/>
5. Perform packaging of produce	<input type="checkbox"/>	<input type="checkbox"/>
6. Perform postharvest handling (storage/ transportation) of produce	<input type="checkbox"/>	<input type="checkbox"/>

Knowledge Assessment

Qualification	Tunnel Farming, Greenhouse & Agribusiness(Level-5)
Competency Standard	1. Identify produce maturity 2. Perform harvesting 3. Perform sorting and grading
Purpose of Assessment	Summative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	<div style="display: flex; justify-content: space-around; align-items: center;"> COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> </div> Name of the Assessor: _____ Assessor's code: _____ Signature of the Assessor: _____

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.	Enlist the indices to determine the produce maturity??		

2.	Differentiate between the physiological maturity and commercial maturity??		
3.	Which indices are used to determine the physiological maturity?		
4.	Which indices are used to determine the commercial maturity?		
5.	How will you determine the proper harvesting time to avoid post losses of produce?		
6.	Define harvest index. Which indices are used to determine the harvest index?		

7.	Describe the pre-harvest factors affecting the post-harvest quality of the produce?		
8.	Differentiate between the hand harvesting and mechanical harvesting?		
9.	How will you manage to avoid post-harvest losses?		
10.	What materials are required for sorting and grading?		
11.	Enlist the tools used in sorting and grading?		
12.	What is the difference between sorting and grading?		

Candidate's Signature _____ **Assessor's Signature** _____