

Sample Question Paper				
Total Marks:100				
Part 1				
Sub-Sector: Silk		Module: Mulberry Silk Reeling Manufacturer	Course Code : TC SILK 02	Total Time allotted : 25 Min Set No: TC SILK 02/01
Trainee Name:				
Name of IP:		Trainee ID:		
Name of Training Centre		Date of Assessment		
Part – 2: PRACTICAL				
Sr No	Question	Marks		
		Max	Given	
1	<u>Process Preparation</u>			
a	Demonstrate process flow chart of silk yarn processing from mulberry cocoons	2		
b	Demonstrate the production planning and operator allocation in the reeling unit	2		
c	Demonstrate basic process of re-reeling and multiend reeling machine	2		
2	<u>Process/Part Identification</u>			
a	Identify good cocoons ready for reeling	2		
c	Identify hot air drying unit	2		
d	Identify reeling unit	2		
3	<u>Process Operation</u>			
a	Carry out the process of drying of cocoons for reeling without storage is done	8		
b	Carry out the process of cocoons sorting	8		
c	Carry out the process of reeling	8		
d	Carry out the process of lacing/skeining and bundling	8		
4	<u>Sequencing the process</u>			
a	Demonstrate how circular pressurized cooking machine works	2		
b	Demonstrate pre and post process of reeling	2		
c	Demonstrate how the process of drying of cocoons is done	2		
5	<u>Safety & Soft Skill Demonstration</u>			
a	Identify and select right equipment such as fire extinguisher and based on type of fire	2		
b	Demonstrate the process of wearing PPE	2		
c	Demonstrate what will your action at the time of accident/injury?	2		
Sub-total (Part – 2)		56		

Note: The assessment of section 3, 'process operation' can be done simultaneously in a group up to 10 trainees

Part – 3: VIVA																								
Sr No	Question	Marks																						
		Max	Given																					
1	<u>Terms & Definition</u>																							
a	What is reeling?	2																						
b	What is sericulture?	2																						
c	What is silk?	2																						
d	What is casting?	2																						
2	<u>Purpose of Process/Operation</u>																							
a	Why degumming is done in silk fibre processing?	2																						
b	Why the cocoons storage have 20°C or below the temperature?	2																						
c	Why cocoon sorting is done and what percentage of waste output?	2																						
d	What is the purpose of reeling?	2																						
3	<u>Function of Parts/Auxiliaries</u>																							
a	In what basis cocoons mixing is done?	2																						
b	How the optimum degree of drying is measured?	2																						
c	What is the raw material for silk reeling produced by sericulture farmers?	2																						
d	What type of auxiliary/tools used for reeling process?	2																						
4	<u>Quality Aspects</u>																							
a	What reeling parameters should be followed to produce superior quality of Silk?	2																						
b	How will you sort the defective cocoon?	2																						
c	What parameters should be maintained for silk reeling, Re- reeling processes?	2																						
d	What type of cocoon yield less reelability?	2																						
e	Whether size of cocoon should small or big?	2																						
5	<u>Safety & Soft Skill Demonstration</u>																							
a	How will you behave with your senior and co-worker?	2																						
b	What will you do in case of fire emergency?	2																						
c	What safety precautions will you take during work?	2																						
d	What are the components of first aid box?	2																						
e	What safety tools should be present in the industry?	2																						
Sub-total (Part-2)		56																						
Sub-total (Part – 3)		44																						
TOTAL (Part 2 + Part 3)		100																						
PART 4																								
Trainees is declared as (tick at appropriate box)										☐	PASS				☐	FAIL								
Grade Obtained (In case of Pass) (tick at appropriate box)										☐	A (Above 85 %)				☐	B (70%– 85%)				☐	C (60% – 69%)			
Code No of Assessor:										A														