

Sample Question Paper

Total Marks:100				Total Time 25 Min	
Mark Obtained:					
Sub-Sector: Textile & Handloom		Module:Handloom Weaver (Frame loom)	Course Code : TC HLM 01	Set No: TC HLM 01/01	
Trainee Name:			Trainee ID:		
Name of IP:			Batch ID:		
Name of Training Centre			Date of Assessment		

Part – 2: PRACTICAL

Sr No	Question	Marks	
		Max	Given
1	<u>Process Preparation</u>		
a	Demonstrate preparing the handloom for weaving	2	
b	Demonstrate instructions should follow before taking charge of the shift	2	
c	Demonstrate cleaning of loom and work area before starting work	2	
2	<u>Process/Part Identification</u>		
a	Identify warp roller	2	
b	Identify the shuttle	2	
c	Identify the part which hold the heald wires	2	
3	<u>Process Operation</u>		
a	Carry out the process of draw drafting plan, denting and tie-up plan for plain weave	8	
b	Carry out the process of checking the shed opening by false picking and reed movement by false beating	8	
c	Carry out the process of changing the pirn in the shuttle	8	
d	Carry out the process of denting	8	
4	<u>Sequencing the process</u>		
a	Demonstrate reed denting process for selvedge.	2	
b	Demonstrate sequence in attending warp breaks	2	
c	Demonstrate the process of putting weavers knot.	2	
5	<u>Safety & Soft Skill Demonstration</u>		
a	Demonstrate what steps can be taken in case of emergency	2	
b	Demonstrate how will you communicate with the fellow worker	2	
c	Demonstrate how you will maintain hygiene at work place.	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 weaving?				2	
	i) interlacement of warp and weft	ii) Intermeshing of loops.	i) Interlocking of threads	iv) Interlocking of fibres		
b	What is yarn?				2	
	i) Double ply Thread	ii) A continuous strand of fibers/filament, twisted /non twisted	iii) Multi ply Thread	iv) Single ply Thread		
c	The lengthwise yarns are called-----				2	
	i) Warp	ii) Weft	iii) Waves	iv) Thread		
d	What is handloom?				2	
	i) Is a machine use for knitting	ii) Is a simple machine used for printing	iii) Is a machine use for dyeing	iv) Is a simple machine used for weaving		
2	<u>Purpose of Process/Operation</u>					
a	Which part of the machine shown in the image below? 				2	
	i) Back beam	ii) Cloth roller	iii) Warp beam	iv) Beater		
b	What is the purpose of cleaning?				2	
	i) Leaves a good impression	ii) Improve productivity	iii) Keep staff members safe, healthy and efficient	iv) All of these		
c	What is the purpose of beaming?				2	
	i) Hold the completed fabric	ii) Passing the drawing in ends through the reed for beating purpose	iii) Controls the amounts of warp delivered and maintains the regional tension during weaving	iv) Transferring the warp sheet into weavers beam		
d	What is the purpose of shedding motion?				2	
	i) Inserts a pick (weft) from one side to the other side of the fabric	ii) winds the fabric as being manufactured	iii) Separates the warp yarns into two layers for the insertion of a pick	iv) Push the weft thread that has been inserted across the warp threads in a shed, up to the fell of cloth		
3	<u>Function Of Parts/Auxiliaries</u>					
a	What is the function of picking motion?				2	
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	i) Winds the fabric as being manufactured.	ii) Controls the amounts of warp delivered and maintains the regional tension during weaving	iii) The function of beat up mechanism is to push the weft thread that has been inserted across the warp threads in a shed, up to the fell of cloth.	iv) Picking motion inserts a pick (weft) from one side to the other side of the fabric		
b	What is the important function of shuttle?				2	
	i) To separate the warp sheet in two layers	ii) To carry the weft to the fell of the cloth	iii) To carry the weft wound on pirn across the fabric.	iv) To hold the bobbin		
c	What is the purpose of denting?				2	
	i) To insert a pick (weft) from one side to the other side of the fabric	ii) To maintain the uniform warp density across the fabric.	iii) Winds the fabric as being manufactured.	iv) Controls the amounts of warp delivered and maintains the regional tension during weaving		
d	What is the function of healds?				2	
	i) To give beater to and fro motion for beating the last pick to the fell of the cloth	ii) To tighten or loosen the warp sheet which ultimately changes the tightness factor of the fabric	iii) Winds the fabric as being manufactured.	iv) It is a frame to hold the heald wires		
4	Quality Aspects					
a	What are the precautions that the weaver should take to minimize or avoid the yarn breakage				2	
	i) Should ensure optimum tension in the warp sheet	ii) Run the machine with slow speed	iii) To check if drafting and denting is in order.	iv) Shed height to be kept at optimum level.		
b	The starting mark in fabric is due to				2	
	i) Variation in warp density while restarting the loom	ii) Variation in pick density while restarting the loom	iii) Fault due to missing end.	iii) Fault due to missing pick.		
c	What are the causes for missing end?				2	
	i) Broken picks	ii) Broken ends	iii) Reed marks	iv) Oil stains		
d	Which of the following is weaving defects?				2	
	i) Slub	ii) Knots	iii) Broken filament	iv) Float		
e	Which of the following is the cause of slub defect in fabric?				2	
	i) Uneven denting	ii) Faulty weft yarn	i) Uneven drafting	iv) All of these		
5	Safety & Soft Skill Demonstration					
a	Which may be environmental hazards in handloom weaving?				2	
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	i) Burning of waste material	ii) Broken thread	iii) Old reed	iv) None of these		
b	Which type of cloths one should wear while working on loom?				2	
	i) Loose fitting cloths	ii) Dark cloths	iii) Cloths fitting close to the body	iv) Any one of these		
c	What is the importance of good behavior?				2	
	i) Improves the inter personal relationship	ii) increases safety at work place.	iii) Keep the work place clean	iv) Improve production		
d	The following signage you should install at workplace for electrical hazard?				2	
						
	i) True b. False					
e	How will you handle emergency situation?				2	
	i) Not to panic and act wisely	ii) Inform the concerned section immediately about the situation.	iii) Protect yourself and the injured person from fire, explosions, or other hazards.	iv) All of these		
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%)
Code No of Assessor:			A	☐	☐	☐
Signature of Assessor with Name & date:						