

Sample Question Paper

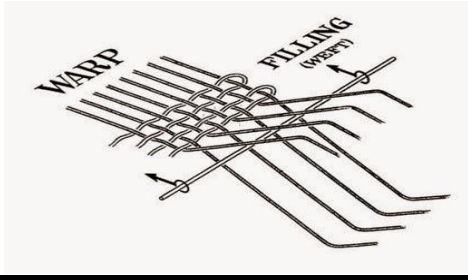
Total Marks:100	Part 1		Total Time allotted : 25 Min
Sub-Sector-Textile and Handloom	Module: Handloom Design (Manual)	Course Code : TC HLM 11	Set No: TC HLM 11/01
Trainee Name:			
Name of IP:		Trainee ID:	
Name of Training Centre		Date of Assessment	

Part – 2: PRACTICAL

Sr No	Question	Marks	
		Max	Given
1	<u>Process Preparation</u>		
a	Arrange the tools and accessories required for making design	2	
b	Explain how will you decide the colour for the design development	2	
c	Demonstrate drawing the denting plan as per design	2	
2	<u>B) Process/Part Identification</u>		
a	Identify primary colors	2	
b	Identify secondary motions	2	
c	Identify warp beam	2	
3	<u>C) Process Operation</u>		
a	Carry out the process of transferring the paper design to graph	8	
b	Carry out the process of arranging the peg plan for 2/1 twill	8	
c	Carry out the process of drawing and denting plan for 2/1 twill weave	8	
d	Carry out the process of checking the graph paper design with actual design for correction	8	
4	<u>D) Sequencing the process</u>		
a	Demonstrate the sequence of rework in the design, if any corrections required	2	
b	Demonstrate the sequence in design development	2	
c	Demonstrate the sequence for selecting jacquard design development	2	
5	<u>E) Safety & Soft Skill Demonstration</u>		
a	Demonstrate wearing protective equipment as directed	2	
b	Demonstrate what steps can be taken in case of fire emergency	2	
c	Demonstrate how will you communicate with your co-worker	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 dobby?				2	
	i) It is a shedding device placed on the top of a loom in order to produce figure patterns by using a larger no of healds than the capacity of Tappet.	ii) It is a shedding device 'used in weaving difficult designs(Floral)	iii) It is a process of producing simple and hard designs	iv) It is the mechanism which attached with the sewing machine to control the movement machine handle		
b	What is denting?				2	
	i) A process of fabric production in which two distinct sets of yarns are interlaced at right angles to each other to form a fabric or cloth.	ii)The process of passing the drawing- in ends through the reed for beating purpose	i) It is a shedding device placed on the top of a loom in order to produce figure patterns by using a larger no of healds than the capacity of Tappet.	iv) Winds the fabric as being manufactured		
c	What is jacquard?				2	
	i) Is a shedding device placed on the top of a loom in order to produce figure patterns by using Tappet.	ii) Is a shedding device 'used in weaving difficult designs (Floral)	iii) Is a process of weaving simple design	iv) Is the mechanism which attached with the sewing machine to control the movement machine handle		
d	What is woven fabric?				2	
	i)Interlocking of two yarns	ii)Interlooping of two or more sets of yarn	iii) Interlacement of two or more thread of yarn	iv)Thick layer of fibers to form a web		
2	<u>B)Purpose Of Process/Operation</u>					
a	What is the Ikat design?				2	
	i) Yarn is colored before the weaving as per design requirement.	ii) dyeing after weaving the fabric	iii) It is a type of knitted design	iv) yarn is coloured after weaving		
b	What is the purpose of drafting?				2	
	i) Indicates the selection of heald shafts to be lifted or lowered on each successive insertion of weft or pick.	ii) Inserts a pick from one side to the other side of the fabric	iii) Drawing the warp yarn through the eye of heald frames according to design	iv) Winds the fabric as being manufactured.		
c	What is the purpose of tie-up plan?				2	
	i) To tie the	ii) Used for	iii) To pass the	iv) None of these		

	healds with the treadles	beating	warp through the heddles according to the required weave			
d	Which process shown in the image and what is the purpose 				2	
	i) Picking- Inserts a pick from one side to the other side of the fabric	ii) Take- up motion winds the fabric as being manufactured	iii) Shedding- Separates the warp yarns into two layers for the insertion of a pick	iv) Beating- To push the weft thread that has been inserted across the warp threads in a shed, up to the fell of cloth		
3	<u>C) Function Of Parts/Auxiliaries</u>					
a	What is the function of treadles?				2	
	i) Lift the Jacquard	ii) Keep the Jacquard properly	iii) Keep the weft properly	iv) Keep the warp properly		
b	What is the main function of Temple?				2	
	i) Keep the warp properly	ii) Keep the fabric edges properly	iii) Keep the weft properly	iv) None of these		
c	What is the function of back beam?				2	
	i) Hold the completed fabric	ii) To maintain the constant tension and proper angle to the warp sheet	iii) To tighten or loosen the warp sheet which ultimately changes the tightness factor of the fabric	iv) It is a frame to hold the heald wires		
d	What is the name of the part shown in below image and what is the purpose of it? 				2	
	i) Beater- For beating the last pick to the fell of the cloth	ii) Treadles- Control warp shed formation by controlling the up and down moment of the healds	iii) Heddles- It is a frame to hold the heald wires	iv) Pirn winding- Is used for pirn winding in handloom		

4	<u>D) Quality Aspects</u>		
a	What is the importance of weavers knot?	2	

	i) To avoid the wastage of yarn	ii) It secures the threads and allows to continue weaving	iii) To produce continue fabric	iv) It produces durable fabric		
b	What will happen because of wrong drafting?				2	
	i) Irregular pattern crosswise	ii) Irregular pattern warp way in the cloth occurs	iii) Shed will mixed	iv) Irregular pattern weft way in the cloth occurs		
c	Which among the following is fabric weaving defect?				2	
	i) Uneven or loose piles	ii) Knot	iii) Missing end	iv) Dyestuff stain		
d	What defect produces when heald wire is broken?				2	
	i) Floating ends	ii) Slub	iii) Wrong dent	iv) Wrong draft		
e	Why irregular pattern in warp way in the cloth occurs?				2	
	i) Wrong Drafting	ii) Wrong picking	iii) Wrong Denting	iv) Wrong warping		
5	<u>E) Safety & Soft Skill Demonstration</u>					
a	Identify symbol 				2	
	i) No smoking	ii) No spitting	iii) Fire extinguisher	iv) First aid box		
b	What will you do if fire occurs?				2	
	i) Use water	ii) Pull the fire alarm and call the fire department	iii) Close the door	iv) Left the place		
c	Why to avoid wearing loose clothes?				2	
	i) To avoid entangling the cloths in moving parts of the machines	ii) It's not look good	iii) Loose cloths decrease productivity	iv) Gives bad impression		
d	What is the importance of good behavior?				2	
	i) Does not need investment but gives high returns and improve individual relationship	ii) Will safely work	iii) Attract people	iv) Improve production		
e	What safety precautions will you take while operating the machine?				2	
	i) Always follow the correct procedures	ii) Never take shortcuts	iii) Ensure a clear and easy route to emergency exit and equipment	iv) All of these		
Sub-total (Part-2)					56	
Sub-total (Part – 3)					44	
TOTAL (Part 2 + Part 3)					100	

