

MAY ALMIGHTY ALLAH PROTECT US ALL FROM THIS PANDEMIC SITUATION

Department of Art & Design
IQRA National University

FINAL SEMESTER ASSIGNMENT SPRING 2020

Course Code: TA-111

Program: BFD, BTD, BID

Course Title: Textile Analysis

Module: Semester 1

Prerequisite: None

Total Marks: 40

Instructor: Faiza Hassan

Student ID: _____ 16894 _____

Note: Attempt all questions:

Q. No.	Part	Question	Marks
1.	(A)	Fill in the blanks:	10
	a)	In <u>discharge</u> printing design is developed with a destroying agent.	
	b)	In industry the <u>ink jet</u> printing process is comparatively same with the batik technique.	
	c)	In wooden block the pattern area is <u>carved</u> on the surface.	
	d)	The <u>silk</u> cloth is used for making screens.	
	e)	Madder is a <u>organic</u> based dye.	
	f)	Cracking effect of lines is made up with <u>painting</u> technique.	
	g)	<u>Tie</u> up the material before dyeing is the procedure of tie & dye technique.	
	h)	<u>Loom</u> power looms are used to make plain cloth for suiting.	
	i)	A flexible synthetic rubber used in screen printing is known as a <u>squeegee</u> .	

	j)	Adjective dyes first treated with a <u>mordant</u> to make it fast.	
2.	(A) Ans	Define the procedure of batik technique? The term batik fabric is the Indonesian -Malay term in which some part of cloth is not intended to be dyed so this part of cloth is to be covered with wax after dyeing the cloth is being dyed in color. After removing the wax the waxed color areas keeps its original color and the areas other than wax keep color which appears as pattern. One of its important feature is that it is so easy and can be done by any one. The characteristic effects of the batik are the fine cracks that appear in the wax, which allow small amounts of the dye to seep in. if the work of wax is done properly the result of batik technique will be implacable.	10
	(B) Ans	Explain difference between roller printing and rotary printing? In rotary printing painting is done by specially made perforated cylinder or spherical screen while in roller printing is done by specially engraved copper roller. In rotary printing paste is pumped to the screen and disturbed length wise by pumps while in roller printing paste is transferred to the engraved roller by color furnishing roller. In rotary printing up to 24 colors can be printed but 8-10 can be painted easily while in roller printing even 16 engraved roller can be used for different color of pattern only 4-6. In rotary printing can be printed woven and knitted fabric while roller printing can be printed woven and tricot fabric. In rotary printing the main equipment of printing is rotary screen while in roller printing the main equipment of printing is engraved roller. In rotary printing design can be change easily while in roller printing more time is required for changing design. In rotary printing setting up time is lower while in roller printing setting up time is higher. In rotary printing color applied is more adaptable while in roller printing color applied is less in general.	

3.	<p>True and False:</p> <p>a) One up four down is a process of satin weave.(true)</p> <p>b) When fading occurs it means dye is fugitive.(false)</p> <p>c) Technique of block printing is related with the cutting of pattern on the required sheet and applies it on the fabric for paint.(false)</p> <p>d) Shed is created with the help of weft threads. (true)</p> <p>e) Technique in which different things put together on one piece of paper or cloth is called screen printing.(false)</p> <p>f) Hook shaped needle is used for crocheting.(true)</p> <p>g) In flat bed cylindrical screens are used for printing.(true)</p> <p>h) Flax plant is used to create jute cloth.(false)</p> <p>i) Acrylic is a manufactured in replacement of wool.(true)</p> <p>j) Paint is used for the resistant of color in batik.(false)</p>	10
4.	Make a sample of plain weave and twill weave	10