

MAY ALMIGHTY ALLAH PROTECT US ALL FROM THIS PANDEMIC SITUATION

Design

**Department of Art &
IQRA National University**

MID SEMESTER ASSIGNMENT SPRING 2020

Course Code: TA-111
BID

Program: BFD, BTD,

Course Title: Textile Analysis

Module: Semester 1

Prerequisite: None

Total Marks: 30

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Note: Attempt all questions:

Q. No.	Part	Question	Marks
1.	(A)	Fill in the blanks:	05
	a)	A Twill weave can easily be identified by its diagonal lines.	
	b)	The dyes in which extra chemical should be added is known as Chrome or Mordant .	
	c)	The Wrap threads run lengthways in the piece of cloth.	
	d)	A Loom is a device used to weave cloth.	
	e)	Tapestry woven style sometimes classified as embroidery in textiles.	
	(B)	Choose the correct answer:	05
	a)	Nylon was the first important early natural based synthetic fiber. (Nylon, Rayon, Acrylic)	
	b)	Vat dyes is used for the indigo color of blue jeans. (Vat dyes, Acid dyes, Reactive dyes)	
		The procedure in which yarns are twisted together is known as Spun yarn .	

	<p>c)</p> <p>d)</p> <p>e)</p>	<p>(Yarn counts, Spun yarn, Spinning)</p> <p>The filling yarn inserted through the shed by a small carrier device called a shuttle. (Harness, Shuttle, Heddle)</p> <p>Dyes which need extra chemical processes for fastness are known as Adjective dyes. (Substantive, Adjective, Fugitive)</p>	
	<p>(A)</p> <p>Ans</p> <p>(B)</p> <p>Ans</p>	<p>Define weft-faced weave and warp-faced weave?</p> <p>WEFT- FACED Because the weft does not have to be stretched on a loom the way the warp is, it can generally be less strong. It is usually made of spun fibre, originally wool, flax and cotton, today often of synthetic fibre such as nylon or rayon. The weft is threaded through the warp using a "shuttle", air jets or "rapier grippers". Handlooms were the original weaver's tool, with the shuttle being threaded through alternately raised warps by hand.</p> <p>WARP Warp threads in tablet weaving The warp is the set of yarns or other elements stretched in place on a loom before the weft is introduced during the weaving process. It is regarded as the longitudinal set in a finished fabric with two or more sets of elements. warp-faced textiles are created using densely arranged warp threads. In these the design is in the warp, requiring all colors to be decided upon and placed during the first part of the weaving process, which cannot be changed. Such limitations of color placement create weavings defined by length-wise stripes and vertical designs. Many South American cultures, including the ancient Incas and Aymaras, employed backstrap weaving, which uses the weight of the weaver's body to control the tension of the loom.</p> <p>Explain substantive dyes and adjective dyes?</p> <p>SUBSTANTIVE DYES Only a few natural dyes will take permanently dye fastness without the addition of a mordant. these dyes are called substantive dyes. some example ase annatto of a which produce an orange color .lichens, which produce a range of shades from reddish browns to yellows, and walnut hulls, which produce rich shades of brown.</p>	<p>05</p> <p>05</p>

	<p>ADJECTIVE DYE Many natural dyes are called adjective dyes in that they require a mordant to fix them to the material. A mordant works by combining with the dyestuff to create an insoluble compound. Examples of mordant include materials such as alum, sodium chloride and tannic acid. there are many adjective natural dyes which only give a worthwhile color and a good level of wash and light fastness if the fibers are prepared with mordant .the great majority of dyes only give a relatively permanent color if the fibers are mordant.</p>	
3.	<p>True and False:</p> <p>a) A dye that loses its coloring during proper usage is known as a fast dye. (False)</p> <p>b) Spinning is a device used to weave cloth. (False)</p> <p>c) Fibers are twisted together to form yarn is known as spinning. (True)</p> <p>d) The weft thread is wound onto spools called shuttle. (False)</p> <p>e) Dye is the substances that impart color to materials. (True)</p> <p>f) Color extracted from a Trumpet Shell fish is red. (True)</p> <p>g) Polyester is a natural based fiber. (False)</p> <p>h) Fibers are beaten or matted together to make a weave cloth. (True)</p> <p>i) Tapestry is a weft-faced weave. (True)</p> <p>j) The first synthetic dye was discovered by William Henry Perkin. (True)</p>	10

