SEAL

Booklet Serial No.

002869

Test Booklet Series

TEST BOOKLET - 2022

NON ENGINEERING TEXTILE DESIGNING LECTURER II

(17)



Time Allowed: Two Hours

Maximum Marks: 100

INSTRUCTIONS

- IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
- Please note that it is the candidate's responsibility to encode and fill in the Roll Number and
 Test Booklet Series Code A, B, C or D carefully and without any omission or discrepancy at
 the appropriate places in the OMR Response Sheet. Any omission/discrepany will render the
 Response Sheet liable for rejection.
- 3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. DO NOT write anything else on the Test Booklet.
- 4. This Test booklet contains 100 items (questions). Each item comprises of four responses (answers). You will select the response which you want to mark on the Response sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each item.
- You have to mark all your responses ONLY on the separate Response Sheet provided. See directions in the Response Sheet.
- 6. All items carry equal marks.
- Before you proceed to mark in the Response sheet the response to various items in the Test Booklet you have to fill in some particulars in the Response Sheet as per instructions sent to you with your Admission Certificate.
- 8. After you have completed filling in all your responses on the Response Sheet and the examination has concluded, you should hand over to the Invigilator only the Response Sheet. You are permitted to take away with you the Test Booklet and Candidate's Copy of the Response Sheet.
- Sheets for rough work are appended in the Test Booklet at the end.
- 10. Penalty for wrong answers: THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY THE CANDIDATE.
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, 0.25 of the marks assigned to that question will be deducted as penalty.
 - (ii) It a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above for that question.
 - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no **penalty** for that question.

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

602869

	1)	Cotton				i)	PTA	2
	2)	Polyester				ii)	Cellulose	
	3)	Nylon 6				iii)	Keratin	
	4)	Wool				iv)	Caprolactum	
	The	correct mat					Market Control	
	1/20	1	2	3	4			
	A)	ii)	i)	iv)	iii)			
	B)	i)	ii)	iii)	iv)			
	C)	iv)	iii)	ii)	i)			
	D)	iii)	iv)	ii)	i)			
2.		is man	-mad	e cellu	ılosic fi	bre.		
	A)	Polyester						
	B)	Viscose						
	C)	Silk						
	D)	Wool						
3.	Cor	nsider the fo						
	1,	The dens	ity of	cotton	fiber is	s 1.52 g	t/cm ³	
	2.	Cotton is	hygro	scopio	C			
	The	correct sta	temer	its are				
	A)	1 only						
	B)	2 only						
	C)	Both						
	D)	Neither						46
4.		is a	natur	al cell	ulose l	oast mi	ılti-cellular fibre.	
	A)	Polyester		,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	B)	Cotton						
	C)	Silk						
	D)	Flax						
17(A)					(3)	

[P.T.O.

Match the fiber with the given composition

5.	Vis	cose polymer system is% amorphous.
	A)	20
	B)	40
	C)	60
	D)	80
6.	Cor	nsider the following statements:
	Ass	ertion (A): Felting is associated with Wool.
	Rea	ason (R): Wool is highly amorphous
	A)	A and R are both correct and R is NOT the correct explanation of A
	B)	A and R are both correct and R is the correct explanation of A
	C)	A is correct, but R is NOT correct
	D)	A is Not correct, but R is correct
7.	The	raw silk strand consists of two silk filaments encased by a protien called
	A)	Cellulose
	B)	Keratin
	C)	Sericin
	D)	Lignin
8.	Con	sider the following statements:
	Ass	ertion (A): Acrylic fibers are Hygroscopic.
	Rea	son (R): Polymer system is highly amorphous
	A)	A and R are both correct and R is NOT the correct explanation of A
	B)	A and R are both correct and R is the correct explanation of A
	C)	A is correct, but R is NOT correct
	D)	A is NOT Correct, but R is correct
9.		is a linear, polyamide polymer.
	A)	Polyester
	B)	Nylon
	C)	Acrylic
	D)	Acetate

10.		fiber is hydrophobic and oleophilic.
	A)	Cotton
	B)	Polyester
	C)	Nylon
	D)	Wool
11.	Ope	ening and Cleaning of cotton fibers done at process.
	A)	Blow room
	B)	Draw frame
	C)	Speed frame
	D)	Ring frame
12.	Con	asider the following statements:
	1.	Carding reduces neps
	2.	Blow room generates neps amorphous
	The	correct statements are
	A)	1 only
	B)	Both
	C)	2 only
	D)	Neither
13.		.V% of the individual silver is 3% and the number of doubling is 8, then C.V% of the abined silver is
	A)	1.06
	B)	2.06
	C)	3.06
	D)	4.06
14.	Aut	toleveller in draw frame is to control
	A)	Nep level
	B)	Irregularity
	C)	Short fibers
	D)	Trash
17(A)	(5) [P.T.O.

15.	If tv	vist per meter is "t" and Count (tex) is "T", then Twist Factor =
	A)	$t\sqrt{T}$
	B)	t/\sqrt{T}
	C)	$t+\sqrt{T}$
	D)	$t-\sqrt{T}$
16.	The	amount of twist for maximum strength is largely influenced by
	A)	.Fiber strength
	B)	Fiber fineness
	C)	Fiber maturity
	D)	Fiber friction
17.	Acc	reptable end breaks per 100 spindle hour is up to
	A)	
	B)	
	C)	7
	D)	10
18.		ndle speed for processing fine count of polyester/cotton blends will be in the range
	of _	17500
	A)	17500 rpm
	B)	30000 rpm
	C)	1000 rpm
	D)	5000 rpm
19.		ne yarn winding process, Splice strength is at least% of the mean yarn strengt
	A)	50
	B)	75
	C)	95
	D)	40
20.	Con	e angle used for packages intended for shuttle-less weaving is
	A)	2^{0}
	B)	50
	C)	10°
	D)	20°
170	0	6

21.	The	working sp	eed of	the wa	arping r	nac	hine is around	meters/min.
	A)	800						
	B)	1500						
	C)	2000						
	D)	2500						
22.	Con	sider the fo	llowir	ng state	ements:			
	1.	Sizing inc	reases	s the st	rength o	of tl	ne yarn	
	2.	Sizing inc	rease	the abi	asion re	esis	tance of the yarn	
	The	correct stat	emen	ts are				
	A)	1 only						
	B)	Both						
	C)	2 only						
	D)	Neither						
23.		is the	enteri	ngofy	arns fro	ma	new warp into the we	eaving elements of a weaving
	mac	hine.						
	A)	Tying in						
	B)	Drawing i	n					
	C)	Warping		rurv,				
	D)	Sizing						
24.		is th	ne mo	vemen	t of son	ne v	varp yarns up and so	me down to make an angled
	ope	ning for the	filling	g yarn t	to be ins	sert	ed through.	
	A)	Shedding						
	B)	Picking						
	C)	Take-up		-				
	D)	Let-off					Harry Land	
25.	Mat	ch the follo	wing	and it's	unit.			
	1)	Reed Cou	nt		i))	Ne	
	2)	Warp Cou	ınt		ii)	Dents/inch	
	3)	Warp cov	er fac	tor	ii	i)	PPI	
	4)	Weft cove	er fact	or	iv	<i>(</i>)	EPI	
	The	correct ma	tch is					
		1	2	3	4			
	A)	ii)	i)	iv)	iii)			
	B)	i)	ii)	iii)	iv)			
	C)	iv)	iii)	ii)	i)			
	D)	iii)	iv)	ii)	i)			
17(A)						(7)	[P.T.O.

26.	Wei	t inse	ruon :	rate o	f projecti	le is around		_ meters/i	min.			
	A)	140	0									
	B)	250	0									
	C)	200	0									
	D)	175	0									
27.	Mat	ch the	follo	wing								
	1)	Yarr	Accu	ımulat	tor	i)	Pick	ing				
	2)	Shut	ttle			ii)	Pre-	determine	d yarn	lengtl	h	
	3)	Ree	d			iii)	Shed	lding				
	4)	Hea	ld			iv)	Beat	-up				
	The	corre	ct ma	tch is								
1.0		1	2	3	4							
	A)	ii)	i)	iv)	iii)							
	B)	i)	ii)	iii)	iv)							
	C)	iv)	iii)	ii)	i)							
			iv)	ii)	i)							
	D)	iii)	11,	11,	-/							
10								24.4	1.4-1.			1
28.	Ifth	e beat	-up fo	rce is	increased	beyond a ce						
28.	If the	e beat beat-u	up fo	rce is	increased	beyond a ce						
28.	If the the kno	e beat beat-u wn as	-up fo	rce is	increased							
28.	If the the kno A)	e beat beat-u wn as Jum	-up for for aping	rce is	increased							
28.	If the the kno A) B)	e beat beat-u wn as Jum Barr	up for printing the second sec	rce is	increased							
28.	If the the kno A)	e beat beat-u wn as Jum Barr	-up for property for the property for th	rce is	increased							
	If the the kno A) B) C) D)	e beat- beat-u wn as Jum Barr Bum Pick	-up for pring re inping ring	rce is ce is t	increased taken by	the warp and	l the fa	ibric beco	mes sla			
28.	If the the kno A) B) C) D)	e beat- beat-u wn as Jum Barr Bum Pick	-up for aping re aping ing	rce is ce is t	increased taken by		l the fa	ibric beco	mes sla			
	If the the kno A) B) C) D) Wa A)	e beat- beat-u wn as Jum Barr Burr Pick rp der Con	-up for apping re apping ring asstruct	rce is temp.	increased taken by	the warp and	l the fa	ibric beco	mes sla			
	If the kno A) B) C) D) Wa A) B)	e beat- beat-u wn as Jum Barr Burr Pick rp der Con End	-up for apping re apping ring asity a struct s/inch	rce is temperature in the second seco	increased taken by	the warp and	l the fa	ibric beco	mes sla			
	If the the kno A) B) C) D) Wa A)	e beat- beat-u wn as Jum Barr Burr Pick rp der Con End	-up for aping re aping resity a struct s/inch	rce is temperature in the second seco	increased taken by	the warp and	l the fa	ibric beco	mes sla			
29.	If the the kno A) B) C) D) Wa A) B) C)	e beat- beat-u wn as Jum Barr Bum Pick rp der Con Ender Pick	-up for aping re aping asity a struct as/inch	and fil	increased taken by	the warp and	I the fa	abric beco	mes sla	ack. T		
	If the the kno A) B) C) D) Wa A) B) C) D)	e beat- beat-u wn as Jum Barr Bum Pick rp den Con End Pick Crin	-up for aping re aping sity a struct s/inch as/inch	and fillion	increased taken by	the warp and	I the fa	abric beco	mes sla	ack. T		
29.	If the the kno A) B) C) D) Wa A) B) C) D)	e beat- beat-u wn as Jum Barr Bum Pick rp der Con Ende Pick Crim	-up for aping re aping struct s/inch as/inch re sel-ced-in	and fil	increased taken by	the warp and	I the fa	abric beco	mes sla	ack. T		
29.	If the the kno A) B) C) D) Wa A) B) C) D)	e beat- beat-u wn as Jum Barr Bum Pick rp der Con Ende Pick Crim	-up for aping re aping sity a struct s/inch aping sel-ced-in f cross	and fillion	increased taken by	the warp and	I the fa	abric beco	mes sla	ack. T		

31.		shedding, the harnesses are either raised or lowered by the cam mechanism
	but 1	they are returned by the action of some external device.
	A)	Positive cam
	B)	Negative cam
	C)	Dobby
	D)	Jacquard
32.	Pick	ss per repeat are virtually unlimited inshedding.
	A)	Positive cam
	B)	Negative cam
	C)	Dobby
	D)	Double cam
33.	Con	nsider the following statements:
	1.	Jacquard shedding machines offer the highest level of warp yarn control.
	2.	Jacquard shedding is based on cams.
		The correct statements are
	A)	1 only
	B)	Both
	C)	2 only
	D)	Neither
34.	Rel	ay nozzles are related to weaving process.
	A)	Projectile
	B)	Rigid Rapier
	C)	Air-jet
	D)	Flexible Rapier
35.		weave has the maximum level of yarn crimp in its structure.
	A)	Twill
	B)	Plain
	C)	Satin
	D)	Sateen

36.		weaves are produced by combing warp and filling ribs.
	A)	Plain
	B)	Twill
	C)	Satin
	D)	Basket
37.	Ifth	the twill line angle is 45 degree, the design is calledtwill.
	A)	Common
	B)	Uncommon
	. C)	Broken
	D)	Satin
38.		weave, one yarn has a long float over several other yarns on one side of the
	fabr	
	A)	Twill
	B)	Satin
	C)	Plain
	D)	Basket
39.	Cor	sider the following statements:
	1.	Plain weave has a low modulus compared to other designs.
	2.	Plain weave has the maximum level of crimp.
	A)	A and R are both correct and R is NOT the correct explanation of A
	B)	A and R are both correct and R is the correct explanation of A
	C)	A is correct, but R is NOT correct
	D)	A is NOT Correct, but R is correct
40.	The	pattern in which the warp and filling yarns are interlaced is called
	A)	Drawing-in-Draft
	B)	Reed count
	C)	Order of Interlacing
	D)	Cover factor
17(1)	(10)

41.	The	tension device maintains a proper tension in the yarn to achieve a uniform
	A)	Weight
	B)	Length
	C)	Packing Density
	D)	Size
42.	In_prec	winding, the position of the yarn as it is laid on the package is controlled very eisely to increase the density of the package.
	A)	Cone
	B)	Cheese
	C)	Precision
	D)	Quill
43.	The	finish is fixed to the fiber surface, usually by an additional step called
	A)	Exhaustion
	B)	Curing .
	C)	Padding Method
	D)	All the above
44.		atch processes, the amount of chemical finish to be applied is usually expressed as a ght percentage based on the original fabric weight using the formula
	A)	%owf=wt chemical * 100/fabric wt
	B)	%owf=fabric weight * 100/wt chemical
	C)	%owf=fabric weight * weight chemical * 100
	D)	%owf=fabric weight-weight chemical * 100
45.	The	e glass transition temperature of PVA is
	A)	82 degree
	B)	90 degree
	C)	80 degree
	D)	84 degree
176	4)	(11) [P.T.O.

46.	Smo	booth wrinkle-free appearance after washing without ironing is obtained from finish.
	A)	Durable press
	B)	Dimension stability
	C)	Easy-care and wrinkle resistance
	D)	Sheen
47.	The	flexural rigidity of fabric is greatly influenced by
	A)	Bending modulus
	B)	Bending length
	C)	The thickness of the fabric
	D)	TPI
48.	In tl	ne case of the Raschel warp knitting machine 'gauge' refers to
	A)	Number of needles per two inch
	B)	Number of needles per inch
	C)	Number of needles per cm
	D)	Number of needles per two cm
49.		count of the yarn to be worked on the knitting machine can be found using the formula Gauge).
	A)	Ne=G/8.4
	B)	Ne=G ² /8.4
	C)	Ne=G ² /9.6
	D)	Ne=G/9.6
50.	The	fabric fault is caused when the needle is not raised by the clearing cam
	A)	Knit loop
	B)	Tuck loop
	C)	Held loop
	D)	Float

(12)

51.	For	a Milano Rib fabric, the knitting sequence of the first feed is	
	A)	Knit on all dials and all cylinder needles	
	B)	Knit only on all dial needles	
	C)	Knit only on all cylinder needles	
	D)	Knit on all dials or all cylinder neeles	
52.	The	e most widely used needle-selecting jacquard mechanism is	
	A)	Pattern drum	
	B)	Multi-step pattern drum	
	C)	Pattern wheel	
	D)	Multi-step pattern wheel	
53.	The	e density of Polyester fiber in g/cm ³	
	A)	1.14	
	B)	1.38	
	C)	1.36	
	D)	1.17	
14			
54.	The	e trick plate is also called as	
	A)	Knock over comb	
	B)	Sinkers	
	C)	Knock over bar	
	D)	Comber	
55.	Cor	nsider the following statements:	
	1.	Vertical columns of loops are called Wales	
	2.	Wales is related to Woven fabrics	
		The correct statements are	
	A)	1 only	
	B)	Both	
	C)	2 only	
	D)	Neither	
	2)		1 Sales No. 10 Sal
17(4)	(13)	[P.T.O.

56.		convert the rotatory machine drive into reciprocating action for the needles
	A)	Sinker
	B)	Cam
	C)	Cylinder
	D)	Cam drive
57.	Con	nposition of cellulose in a mature cotton fiber (%)
	A)	88-96.5
	B)	72-80.3
	C)	90-96.5
	D)	75-80.3
58.	The	protein is the gummy substance that holds the silk fiber together
	A)	Fibroin
	B)	Glycine
	C)	Alanine
	D)	Serine
59.	Rot	Steeping method of desizing is carried out at a temperature of about
	A)	70-80°
	B)	30-40°
	C)	100°
	D)	50-60°
60.	Abo	out 90% of wool wax can be removed using scouring
	A)	Suint scouring Suint scouring
	B)	Solvent extraction scouring
	C)	Emulsion scouring
	D)	Refrigeration process

61.	Exa	mple of reductive bleaching agent		
	A)	Potassium Permanganate		
	B)	Chloramine		
	C)	Sodium hydrosulphite		
	D)	Sodium chlorite		
62.	sider the following statements:			
	Assertion (A): Heat setting is done in polyester fabrics. Reason (R): Heat setting imparts crease resistance and Elasticity.			
	A)	A and R are both correct and R is NOT the correct explanation of A		
	B)	A and R are both correct and R is the correct explanation of A		
	C)	A is correct, but R is NOT correct		
	D)	A is NOT correct, but R is correct		

- 63. Damage to cellulose during the pre-treatment process can be detected by
 - A) Copper Number
 - B) Methylene blue absorption
 - C) Only (A)
 - D) Both (A) & (B)
- 64. The measure of the strength of the bonds by which the dye is held to the fiber is called
 - A) Heat of dyeing
 - B) Rate of dyeing
 - C) Kinetics of dye absorption
 - D) Both (A) & (C)
- 65. Commercially important transfer printing method
 - A) Film release
 - B) Melt transfer
 - C) Wet transfer
 - D) Sublimation transfer

66.	The most widely used reducing agents in discharge printing are						
	A)	Formaldehyde sulphoxylates					
	B)	Thiosulphites					
	C)	Nascent hydrogen					
	D)	All the above					
67.	4	is the method of selecting samples from a bulk of loose fibers					
	A)	Zoning					
	B)	Length biased sampling					
	C)	Numerical sampling					
	D)	All the above					
68.	The moisture content of the textile fibers affects properties						
	A)	Mechanical					
	B)	Electrical					
	C)	Only (A)					
	D)	Both (A) & (B)					
69.	With an increase in relative humidity, the moisture regains % of the fiber						
	A)	Increases					
	B)	Decreases					
	C)	Remains constant					
	D)	Either increase or decrease depending on the nature of the fiber					
70.	In order to carry out accurate physical testing of textiles the relative humidity should maintained at						
	A)	65+/-2%					
	B)	67+/-2%					
	C)	70+/-2%					
	D)	75+/-2%					

(16)

	A)	UI=(50% Span Length/2.5% Span Length)*100				
	B)	UI=(2.5% Span Length/50% Span Length)*100				
	C)	UI=2.5% Span Length*100				
	D)	UI=50* Span Length*100				
72.	Dec	itex is defined as weight in grams per				
	A)	1000 meters				
	B)	10000 meters				
	C)	10 meters				
	D)	100 meters				
73.		_ shrinkage results from the frictional properties of the fibers which cause them to migrate within the structure.				
	A)	Dimensional shrinkage				
	B)	Swelling shrinkage				
	C)	Felting shrinkage				
	D)	Relaxation shrinkage				
74.	The thermal conductivity of textiles is measured using					
	A)	Tog meter				
	B)	Thermometer				
	C)	HVI				
	D)	Kawabata evaluation system				
75.		is the ratio of the small change in bending moment per unit width of the material to the corresponding small change in curvature.				
	A)	Bending modulus				
	B)	Bending rigidity				
	C)	Flexural rigidity				
	D)	Bending moment				
170	4)	(17) [P.T.O.				

71. Uniformity Index is calculated using the formula

76.	Mat	tch the	fiber	with	a suitabl	e dye class			
	1)	Viso	cose			i)	Acid		
	2)	Cot	ton			ii)	Reactive		
	3)	Poly	yester			iii)	Vat		
	4)	Silk				iv)	Disperse		
	The correct match is								
		1	2	3	4				
	A)	ii)	iii)	iv)	i)				
	B)	ii)	i)	iii)	iv)				
	C)	iv)	iii)	ii)	i)				
	D)	iii)	ii)	i)	iv)				
77.	Wh	ich is	not ar	after	-treatme	nt of direct d	yed material?		
	A)				nd Coupl				
	B)	Cou	pling	with I	Diazotize	ed Amine			
	C)	Curi	ing tre	atmei	nt				
	D)	Trea	itment	with	formald	ehyde			
78.	Cor	Consider the following statements:							
						to washing	of azoic combination dyeings on cotton it		
	Reason (R):			Azoic dye is preferable to polyester fibers					
						t and R is NO	OT the correct explanation of A		
	B)	3) A and R are both correct and R is the correct explanation of A							
	C)	C) A is correct, but R is NOT correct							
	D)	A is NOT Correct, but R is correct							
79.	Sul	Sulphur dyes have							
	A)				weight a	nd variable c	composition		
	B)								
	C)								
	D)					and uniform o			
80.	Ası	er ch	emica	l com	position	, vat dves are	classified as		
	A)		goid						

B)

C) D) Anthraquinonoid Both (A) & (B)

Only (A)

81.	Bas	ic dyes are soluble salts of colored bases
	A)	Anionic
	B)	Cationic
	C)	Non-ionic Service Serv
	D)	Both (A) & (B)
82.	Disp	perse dyes are classified based on the
	A)	Chromophoric group
	B)	Alkine group
	C)	Non-chromophoric group
	D)	All the above
83.	Rea	ctive dyes have
	A)	Poor chemical binding
	B)	Good chemical binding
	C)	Very high chemical binding
	D)	Moderate chemical binding
84.		Machine is suitable for tension-sensitive fabrics like knit and viscose.
	A)	Winch
	B)	Jigger
	C)	Jet
	D)	Padding mangle
85.	Rea	ctive dyes form - bonds
	A)	Ionic bond
	B)	Hydrogen bond
	C)	Vander waals force
	D)	Covalent bond
86.	Mo	st commonly used dyes for sports wear
	A)	Direct dyes
	B)	Disperse dyes
	C)	Reactive dyes
	D)	Basic dyes

87.	Trai	Transfer printing is done at a temperature of about						
	A)	160-220°C						
	B)	100-150°C						
	C)	200-250°C						
	D)	90-120°C						
88.	d	can be defined as relating and visually arranging components or elements						
	to c	to create effects.						
	A)	Design						
	B)	Balance						
	C)	Movement						
	D)	Repetition						
89.		is a sense of stability when applied to opposing visual attractions or forces.						
	A)	Balance						
	B)	Movement						
	C)	Repetition						
	D)	Contrast						
90.	is where a design is repeated across a fabric width so that both halves							
	are	are the same.						
	A)	Pattern						
	B)	Centring						
	C)	Repeating						
	D)	Movement						
91.	The	English count (Ne) of 100 Nm (metric count) is						
	A)	59						
	B)	169						
	C)	16.9						
	D)	590						
92.	Warp Cover factor in fabric (Cw) is -							
	A)	Warp Count (Nw)/Warp diameter(d)						
	B)	Warp Count (Nw)+Warp diameter(d)						
	C)	Warp Count (Nw)*Warp diameter(d)						
	D)	Warp Count (Nw)*Warp diameter(d)*Crimp						

(20)

93.	The amount of crimp in each yarn can be largely controlled by controlling the during weaving.						
	A)	Well insertion rate					
	B)	Yarn tension					
	C)	Weave pattern					
	D)	Cover factor					
94.		can be defined as the ability of a fabric to bend under its own weight to form					
	fold						
	A)	Stiffness					
	B)	Bending rigidity					
	C)	Flexural rigidity					
	D)	Drape					
95.	Consider the following statements:						
	Ass	ertion (A): Spirality is a fault associated with knitted fabric					
	Rea	son (R): Spirality in the fabric is due to the twist liveliness of the yarn.					
	A)	A and R are both correct and R is NOT the correct explanation of A					
	B)	A and R are both correct and R is the correct explanation of A					
	C)	A is correct, but R is NOT correct					
	D)	A is NOT Correct, but R is correct					
96.	Con	asider the following statements:					
	1.	Hygral Expansion is a property of fabrics made from fibers that absorb moisture,					
		in particular fabrics made from wool.					
	2.	Felting shrinkage is associated with Wool fabric					
	The correct statements are						
	A)	1 only					
	B)	2 only					
	C)	Both					
	D)	Neither					
17(4	4)	(21) [P.T.O.					

(21)

97.		is a condition that arises in wear due to the formation of entangled				
	fibe	er clinging to the fabric surface giving it an unsightly appearance.				
	A)	Snagging				
	B)	Pilling				
	C)	Shrinkage				
	D)	Abrasion				
98.		The insulation value of clothing is mainly dependent on its thickness and it can be lestimated from the relationship:				
	A)	Clo = 1.6 x thickness in cm				
	B)	Clo = 1.6 x thickness in inches				
	C)	Thickness in $cm = 1.6 \times clo$				
	D)	Thickness in inches = $1.6 \times clo$				
99.	The	reciprocal of air permeability is				
	A)	Water permeability				
	B)	Air resistance				
	C)	Air flow				
	D)	Air turbulence				
100	. The	higher the drape coefficient the the fabric.				
	A)	Limpy				
	B)	Stiffer				
	C)	Permeable				
	D)	Impermeable				

(22)

ROUGH WORK

ROUGH WORK

17(A) (24)