Question Booklet No.:		CEHT/2021
	Register Number	

HANDLOOM TECHNOLOGY/ TEXTILE TECHNOLOGY/ TEXTILE MANUFACTURE

(Diploma Standard)

Duration: Three Hours] [Total Marks: 300

Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS

- 1. You will be supplied with this question booklet 15 minutes prior to the commencement of the examination.
- 2. This question booklet contains 200 questions. Before answering the questions, you are requested to check whether all the questions are printed serially and ensure that there are no blank pages in the question booklet. If any defect is noticed in the question booklet, it shall be reported to the invigilator within the first 10 minutes and get it replaced with a complete question booklet. If the defect is reported after the commencement of the examination, it will not be replaced.
- 3. Answer all the questions. All the questions carry equal marks.
- 4. You must write your register number in the space provided on the top right side of this page. Do not write anything else on the question booklet.
- 5. An answer sheet will be supplied to you separately by the room invigilator to shade the answers.

 Instructions regarding filling of answers etc., which are to be followed mandatorily, are provided in the answer sheet and in the memorandum of admission (Hall Ticket).
- 6. You shall write and shade your question booklet number in the space provided on page one of the answer sheet with BLACK INK BALL POINT PEN. If you do not shade correctly or fail to shade the question booklet number, your answer sheet will be invalidated.
- 7. Each question comprises of five responses (answers): i.e. (A), (B), (C), (D) and (E). You have to select ONLY ONE correct answer from (A) or (B) or (C) or (D) and shade the same in your answer sheet. If you feel that there are more than one correct answer, shade the one which you consider the best. If you do not know the answer, you have to mandatorily shade (E). In any case, choose ONLY ONE answer for each question. If you shade more than one answer for a question, it will be treated as a wrong answer even if one of the given answers happens to be correct.
- 8. You should not remove or tear off any sheet from this question booklet. You are not allowed to take this question booklet and the answer sheet out of the examination room during the time of the examination.

 After the examination, you must hand over your answer sheet to the invigilator. You are allowed to take the question booklet with you only after the examination is over.
- 9. You should not make any marking in the question booklet except in the sheets before the last page of the question booklet, which can be used for rough work. This should be strictly adhered to.
- 10. Failure to comply with any of the above instructions will render you liable for such action as the Commission may decide at their discretion.

SPACE FOR ROUGH WORK

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- 1. The breaking elongation of polyester fibre is
 - (A) 3-10%

(B) 20 - 70%

(C) 12 - 50%

(D) 10 - 20%

- (E) Answer not known
- 2. The polyester fibre melts at
 - (A) 220 240°C

(B) 255 - 265°C

(C) 300 - 310°C

(D) 280 - 290°C

- (E) Answer not known
- 3. The chemical used in the Xanthation process in the manufacture of viscose rayon is
 - (A) Carbon disulphide
 - (B) Carbon disulphate
 - (C) Carbon trisulphide
 - (D) Carbon disulphite
 - (E) Answer not known
- 4. Thermal conductivity (mW/(mk)) of cotton and polyester is
 - (A) 1:10

(B) 1:5

(C) 2:3

(D) 1:2

				사람 이 가는 어느 가는 것이 없는데 가지 않는데 나는 이 사람들이 되었다. 그리고 있는데 그 사람들이 되었다.
	(A)	3 months	(B)	6 months
	(C)	12 months	(D)	24 months
	(E)	Answer not known		
6.	Iden	tify the chemical dissolves viscose h	out no	t cotton.
	(A)	Sulphuric acid	(B)	Sodium zincate
	(C)	Formic acid	(D)	Meta cresol
	(E)	Answer not known		
7.	Amo	ng the following fibers, which has t	riano	ılar cross-section with rounded corners
	(A)	Degummed silk	(B)	Polyester
	(C)	Acrylic	(D)	Ramie
	(E)	Answer not known		
0		Tevl 1:1 '		
8.		on Fibre dissolves in		
	(A)	70% Sulphuric Acid		
	(B)	75% Sulphuric Acid		
	(C)	70% Hydrochloric Acid		
	(D)	75% Hydrochloric Acid	¥	
	(E)	Answer not known		
9.	The t	tenacity of viscose fibre in wet state	is	
	(A)	1.5 g/d	(B)	2.5 g/d
	(C)	3 g/d	(D)	3.5 g/d
	(E)	Answer not known		

5.

Jute is cultivated once in

10.	The	The rotation of double nozzle in air jet spinning is				
	(A)	One nozzle rotates in clockwise	and the other r	nozzle rotates in anticlockwise		
	(B)	Both nozzles rotates in clockw	se direction			
	(C)	Both nozzles do not rotate				
	(D)	Both nozzles rotates in anticlo	ckwise direction			
	(E)	Answer not known				
11.	The	maximum production rate in Ro	tor spinning is			
	(A)	200 m/min	(B) 150 m	/min		
	(C)	40 m/min	(D) 400 m	/min		
	(E)	Answer not known				
12.	Ratio of ring diameter to cop diameter is					
	(A)	1:2	(B) 1:3			
	(C)	2:1	(D) 3:1			
	(E)	Answer not known				
13.	Neps	sare				
	(A)	increases at blow room and car	d .			
	(B)	increases at blow room and red	uces at card			
	(C)	decreases at blow room and inc	reases at card			
	(D)	decreases at blow room and car	·d			
	(E)	Answer not known				
14.	The	twist contraction is given by the	formula of			
	(A)	$Contraction = \frac{Mean untwisted}{Twisted yarn}$				
	(B)	$Contraction = \frac{Untwisted len}{Twisted yarn le}$				
	(C)	Contraction = $\frac{\text{Twisted yarn }}{\text{Total Points}}$	ength			

(D)

(E)

Contraction =

Answer not known

Mean untwisted length

Twisted yarn length

Untwisted length

	(A)	Feeding \rightarrow Nipping \rightarrow Combing \rightarrow Detaching				
	(B)	Feeding \rightarrow Combing \rightarrow Nipping	\rightarrow De	etaching		
	(C)	Feeding \rightarrow Detaching \rightarrow Combin	$g \rightarrow 1$	Nipping		
	(D)	Feeding \rightarrow Combing \rightarrow Detaching	$g \rightarrow 1$	Nipping		
	(E)	Answer not known				
16.	Spee	ed of Krischner Beater in blow room	line i	ıs		
	(A)	800 – 900 rpm	(B)	1000 - 1400 rpm		
	(C)	1500 – 2000 rpm	(D)	above 2000 rpm		
	(E)	Answer not known				
17.		extracted trash in a blow room is ning efficiency of a Blow Room is give	2 4 74	and trash in the Bales is 4% then the		
	(A)	50%	(B)	60%		
	(C)	65%	(D)	70%		
	(E)	Answer not known				
18.	Choo	ose the correct order of production fl	ow			
	(A)	lap, sliver, roving, yarn	(B)	sliver, roving, yarn, lap		
	(C)	roving, yarn, sliver, lap	(D)	yarn, lap, roving, sliver		
	(E)	Answer not known				
19.	Weig	ght of single cotton fibre is				
	(A)	4 grams	(B)	0.4 grams		
	(C)	400 μg	(D)	4 μg		
	(E)	Answer not known				
20.	The	objective of Ginning process is to				
	(A)	Separation of fibre from the seed	(B)	Dirt separation		
	(C).	Trash separation	(D)	Chaff		
	(E)	Answer not known				
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Sequence of combing is

15.

21.	If 18	350 metres of silk yarn weigh $7\frac{1}{2}$	gms,	what is the count of the yarn in metric			
		er system?					
	(A)	30 denier	(B)	40 denier			
	(C)	50 denier	(D)	200 denier			
	(E)	Answer not known					
22.		ulate the Tex count of Nylon yarn, ht is of 400 grams	if the	length of yarn is 20,000 meters and its			
	(A)	25 Tex	(B)	30 Tex			
	(C)	15 Tex	(D)	20 Tex			
	(E)	Answer not known					
23.	What is the weight of 270 metres of nylon yarn whose count is 200 denier?						
	(A)	5 gms	(B)	6 gms			
	(C)	8 gms	(D)	60 gms			
	(E)	Answer not known					
24.	Indir	ect system of counting is generally	used f	for			
	(A)	Polyester	(B)	Nylon			
	(C)	Acrylic	(D)	Cotton			
	(E)	Answer not known					
25.	To fin	nd out Linen count — yar	ds of l	ength is required.			
	(A)	400	(B)	500			
	(C)	300	(D)	200			
	(E)	Answer not known					

26.	Calculate the mass of warp per square meter if ends/cm = 28, crimp of warp = 2.5 % and Linear density of warp = 18 tex.							
	(A)	31.6 gm	(B)	41.6 gm				
	(C)/	51.6 gm	(D)	61.6 gms				
	(E)	Answer not known						
27.		actual production of a High spec calculated speed is 90 yards per n						
	(A)	72%	(B)	73%				
	(C)	75%	(D)	90%				
	(E)	Answer not known						
28.		k of roving is 3.0 and delivery co- otal Draft?	unt of a l	Ring frame is 90 ^s l	Ne, then what will be			
	(A)	10	(B)	20				
	(C)	30	(D)	40				
	(E)	Answer not known						
29.		arn has 26 TPI and a count of iplier?	60 ^S in	the cotton system	n. What is the twist			
	(A)	3.30	(B)	2.98				
	(C)	3.36	(D)	4.32				
	(E)	Answer not known						
30.		er weight is 5 grams/meter and coulate production of a card in kg/h		nder rollers surfac	ce speed is 40 m/min.			
	(A)	8	(B)	12				
	(C)	20	(D)	200				
	(E)	Answer not known		and the second				

31.	As p	er British standard stitch, class 60	0 is	
	(A)	Chain stitch	(B)	Lock stitch
	(C)	Overedge chain stitch	(D)	Covering chain stitch
	(E)	Answer not known		
32.	Meti	ric needle sizing in sewing is relate	d to	
	(A)	Eye diameter	(B)	Groove diameter
	(C)	Point diameter	(D)	Blade diameter
	(E)	Answer not known		
33.	Grad	ling is a technique used for		
	(A)	By super imposing one size to and	other	
	(B)	Maximise (or) minimise the size of	of patte	ern
	(C)	Changing the size of pattern		
	(D)	Individual pieces of pattern movi	ng to b	pase pattern
	(E)	Answer not known		
1				
34.	The	Lock stitch in sewing is performed	by	
	(A)	Intralooping	(B)	Interlooping
	(C)	Interlacing	(D)	Knotting
	(E)	Answer not known		
35.	Roui	nd knife cutting machine not suitab	ole for	
	(A)	cutting of curved line pattern	(B)	cutting of straight line pattern
	(C)	cutting of cross line pattern	(D)	cutting of zig-zag line pattern
	(E)	Answer not known		

36.	The knitted structure design which consists of two fabrics knitted with different yarns or colours, one produced on the dial and the other on the cylinder is called as					
	(A)	Tuck lace structure	(B)	Punto diroma structure		
	(C)	Cortina structure	(D)	Gabardine structure		
	(E)	Answer not known				
37.	Tuck	stitch means				
	(A)	Releasing of old loop without received	ving	new one		
	(B)	It is composed one (or) more tuck l	oops	and knitted loops		
	(C)	Composing of float loop and more	loops			
	(D)	Combination of old and new loops				
	(E)	Answer not known				
38.	The	angle of cloth take up in a raschel m	achir	ne is		
	(A)	90° – 120°	(B)	130° – 140°		
	(C)	170° – 175°	(D)	60° – 80°		
	(E)	Answer not known				
39.	Plair	n single-jersey fabric is the				
	(A)	simplest warp knitted structure				
	(B)	simplest weft knitted structure				
	(C)	simplest warp and weft interlacen	ent			
	(D)	simplest adhesive bonded structur	e			
	(E)	Answer not known				
40.		nitting, the loop is produced by clea needle and feeding a new yarn into t		the old loop below the latch by raising ok is called		
	(A)	Knit loop	(B)	Float loop		
	(C)	Tuck loop	(D)	Held loop		
	(E)	Answer not known				

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- 41. The shedding mechanism of double acting double lift dobby has
 - (A) Open shed principle
 - (B) Semi-open shed principle
 - (C) Centre closed shed principle
 - (D) Bottom closed shed principle
 - (E) Answer not known
- 42. The number of Heald Shafts controlled by the Dobby shedding mechanism is
 - (A) 18 20

(B) 19-27

(C) 20 - 28

(D) 21-42

- (E) Answer not known
- 43. In a double lift double cylinder Jacquard 800 needles and 800 hooks give a repeat of only on ———— Ends.
 - (A) 200

(B) 400

(C) 600

(D) 800

- (E) Answer not known
- 44. The function of shedding mechanism is
 - (A) Raise and lower the heald frame
 - (B) Raise the heald frame only
 - (C) Lower the heald frame only
 - (D) Attach the heald frame only
 - (E) Answer not known

45.	1.	is also known as the we	aver's	s beam.
	(A)	Warp beam	(B)	Back beam
	(C)	Breast beam	(D)	Cloth beam
	(E)	Answer not known		
46.		width of the reed wire along the ugh the reed is known as the	dire	ection of the warp yarns when dra
	(A)	Drawing of the reed wire	(B)	Denting of the reed wire
	(C)	Knotting of yarn of the reed wire	(D)	Gauge number of the reed wire
	(E)	Answer not known		
47.	The	sizing agent used for polyester is		
	(A)	Poly vinyl alcohol	(B)	Poly vinyl chloride
	(C)	Vinyl copolymers	(D)	Poly vinyl acetate
	(E)	Answer not known		
48.	One	of the object of sizing is to		
	(A)	produce weavers beam	(B)	produce yarn
	(C)	produce fibre	(D)	produce fabric
	(E)	Answer not known		
49.	The 1	maximum speed of wax application a	at the	warper is
	(A)	280 m/min	(B)	300 m/min
	(C)	600 m/min	(D)	800 m/min
	(E) ·	Answer not known		

50.	According to the pigment theory of colour, the primary colours are					
	(A)	Red, Green, Blue	(B)	Red, Yellow, Blue		
	(C)	Red, Brown, Blue	(D)	Red, Green, Yellow		
	(E)	Answer not known				
51.	Cha	nderi is a popular product of				
	(A)	Towels	(B)	Lungi		
* .	(C)	Shirt	(D)	Sarees		
	(E)	Answer not known				
52.	Choo	ose the incorrect statement, with res	spect 1	to tyre cord manufacturing.		
	(A)	The filling yarn (weft) do not contr	ribute	to the performance of the ply.		
	(B)	Relatively fine filling yarns are us	ed			
	(C)	Relatively rigid filling yarns are us	sed			
	(D)	Existence of filling yarn may adver	rsely	affect the cord geometry.		
	(E)	Answer not known				
53.	Norn	nally Compression bandage exerts p	ressu	re in the range of		
	(A)	1-10 mm Hg	(B)	10-50 mm Hg		
	(C)	100-150 mm Hg	(D)	200-500 mm Hg		
	(E)	Answer not known				
64.	Flam	e retardant properties of fiber is ass	sessed	l by		
	(A)	Biological oxygen demand	(B)	Chemical oxygen demand		
	(C)	Limiting oxygen Index	(D)	Chemical oxygen Index		
	(E)	Answer not known				

55. Compression bandage are mostly used for prevention of			vention of		
	(A)	Leg ulceration	(B)	Soft - tissue implants	
	(C)	Deep vein thrombosis	(D)	Varicose veins	
	(E)	Answer not known			
56.	The t	ype of yarn mostly used in air bag r	nanul	facturing is	
	(A)	Cotton	(B)	Polyester	
	(C)	Nylon	(D)	Kevlar	
	(E)	Answer not known			
			7 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -	to the second	
57.	Whic	h one is not a natural polymer?			
	(A)	Collagen	(B)	Alginate	
	(C)	Chitin	(D)	Polyethylene	
	(E)	Answer not known			
58.	The t	ypical curing conditions adopted in	chem	ical bonding technique is	
	(A)	80-100° C for 2 - 4 min	(B)	100-110° C for 2 - 4 min	
	(C)	120-140° C for 2 - 4 min	(D)	180-200° C for 2 - 4 min	
	(E)	Answer not known			
59.	Find	Find the ODD one, with respect to hydro-entanglement of nonwoven.			
	(A)	Spun lace	(B)	Water jet needling	
	(C)	Spun laid	(D)	Hydraulic entanglement	
	(E)	Answer not known			

60.	The o	The chemical used to give flame Retardant finish to cotton fabric is					
	(A)	Borax	(B)	Urea			
	(C)	Formaldehyde	(D)	Sulphur			
	(E)	Answer not known					
	4						
61.	Flure	ochemicals are used for					
	(A)	Resin finish	(B)	Water repellent finish			
	(C)	Flame repellent finish	(D)	Soil resistant finish			
	(E)	Answer not known					
62.	Redu	acing agent used in Discharge style	of pri	nting is			
	(A)	Sodium Chloride	(B)	Soda ash			
	(C)	Rongalite C	(D)	Zinc Chloride			
	(E)	Answer not known					
63.	The	most widely used for preparing the	screer	n for printing is			
	(A)	Thin film method	(B)	Photochemical method			
	(C)	Photo voltaic method	(D)	Thin film coating method			
	(E)	Answer not known					
64.	The	dyes printed directly at the require	ed pla	ices leaving the other portions white is			
	calle						
	(A)	Direct style	(B)	Resist style			
	(C)	Discharge style	(D)	Tie and dye			
	(E)	Answer not known					

	dan	ger of fabric by a							
	(A)	Beam dyeing	(B)	Jet dyeing					
	(C)	Soft overflow Jet dyeing	(D)	Winch dyeing					
	(E)	Answer not known							
66.	Rea	ctive dyes form a —————	— bond.						
	(A)	Covalent	(B)	Hydrogen					
	(C)	Ionic	(D)	Vander Waals force					
	(E)	Answer not known							
67.	The	force of attraction responsible f	or fixation	of reactive dye is					
	(A)	Covalent bond	(B)	Ionic bond					
	(C)	Hydrogen bond	(D)	Vander waals forces					
	(E)	Answer not known							
68.	The	condition adopted for mercerizi	ng of cotto	n fabric is					
	(A)	(A) Caustic soda - 31 to 35%, Temperature - 15 to 18° C							
	(B)	Caustic soda - 60 to 65%, Temperature - 30° C							
	(C)	Caustic soda - 70 to 75%, Temperature - 70° C							
	(D)	Caustic soda - 15 to 20%, Temperature - 20° C							
	(E)	Answer not known							
69.	The	objective of desizing process is t	50						
	(A)	Removal of size present in the							
	(B)	Removal of colouring matter i		c					
	(C)	By increasing the strength of yarn							
	(D)	Removal of natural impurities		ric					
	(E)	Answer not known							

The Dyeing machine is used to dye the light weight knitted fabric without any

65.

Identify the incorrect statement with respect to the production of mixed colour effects?						
(A)	By blending differently coloured condition.	fibre	es which have been dyed in the sliver			
(B)	By introducing very larger tufts stages of the process.	of d	yed fibres into the slivers at the later			
(C)	By printing the spun thread in ba	nds o	f different colours.			
(D)	By twisting together differently of fancy twist yarns.	coloui	red threads producing various kinds of			
(E)	Answer not known					
Cross	sing (CROSSING) ends are used for	wear	ring these fabrics.			
(A)	Pique	(B)	Velvet			
(C)	Leno	(D)	Welts			
(E)	Answer not known					
Depending upon the weight of the velveteen, the width wise shrinkage ranges from						
(A)	5 to 8%	(B)	9 to 11.5%			
(C)	12.5 to 20%	(D)	22.5 to 25%			
(E)	Answer not known					
The s	uitable draft type to construct Extr	a wai	p weave is			
(A)	Straight	(B)	Pointed			
(C)	Divided	(D)	Skip			
(E)	Answer not known					
The w	varp faced twill is					
(A)	2/3	(B)	2/2			
(C)	5/1	(D)	1/5			
(E)	Answer not known					
	effect (A) (B) (C) (D) (E) Cross (A) (C) (E) The s (A) (C) (E) The v (A) (C) (C)	effects? (A) By blending differently coloured condition. (B) By introducing very larger tufts stages of the process. (C) By printing the spun thread in back (D) By twisting together differently of fancy twist yarns. (E) Answer not known Crossing (CROSSING) ends are used for (A) Pique (C) Leno (E) Answer not known Depending upon the weight of the velvet (A) 5 to 8% (C) 12.5 to 20% (E) Answer not known The suitable draft type to construct Extra (A) Straight (C) Divided (E) Answer not known The warp faced twill is (A) 2/3 (C) 5/1	effects? (A) By blending differently coloured fibration. (B) By introducing very larger tufts of distages of the process. (C) By printing the spun thread in bands of the process. (D) By twisting together differently colour fancy twist yarns. (E) Answer not known Crossing (CROSSING) ends are used for wear (A) Pique (B) (C) Leno (D) (E) Answer not known Depending upon the weight of the velveteen, (A) 5 to 8% (B) (C) 12.5 to 20% (D) (E) Answer not known The suitable draft type to construct Extra war (A) Straight (B) (C) Divided (D) (E) Answer not known The warp faced twill is (A) 2/3 (B) (C) 5/1 (D)			

Identify the incorrect statement with respect to construction of backed fabrics.							
(A)	The face and back threads are mar	ked o	out on design paper				
(B)	They are marked out according to the order of insertion						
(C)	The face weave is inserted on the face threads only using normal convention						
	for warp backing						
(D)	The back weave is inserted on face convention.	thre	ads only using the normal and reversed				
(E)	Answer not known						
The t	ype of twill weave used to produce	Jeans	fabric is				
(A)	3 shaft twill	(B)	4 shaft twill				
(C)	5 shaft twill	(D)	6 shaft twill				
(E)	Answer not known						
The t	type of weave consist of crinkled (rou	ıgh) s	surface on the fabric is				
(A)	Twill weave	(B)	Huck a back weave				
(C)	Crepe weave	(D)	Brighton honey comb weave				
(E)	Answer not known						
Self stitched double cloths are constructed by							
(A)	Stitching from face to back						
(B)	Stitching on face side alone						
(C)	Stitching on back side alone						
(D)	Stitching on Zig Zag pattern						
(E)	Answer not known						
	(A) (B) (C) (D) (E) The t (A) (C) (E) Self s (A) (B) (C) (D)	 (A) The face and back threads are marked. (B) They are marked out according to the forwarp backing. (C) The face weave is inserted on the forwarp backing. (D) The back weave is inserted on face convention. (E) Answer not known. <	 (A) The face and back threads are marked of (B) They are marked out according to the or (C) The face weave is inserted on the face for warp backing (D) The back weave is inserted on face three convention. (E) Answer not known (E) Answer not known (D) (E) Answer not known (E) Arithmetical Cough of the face of the face				

79. draft is suitable for making diamond weaves.

(A) Pointed

(B) Broken

(C) Combined

(D) Divided

(E) Answer not known

80. Among the following drafting systems and their uses, which is incorrectly paired.

- (A) Broken Herringbone twill
- (B) Divided Double cloth
- (C) Grouped Stripe and check design
- (D) Skip Diamond weave
- (E) Answer not known

81. While testing the thickness of fabric the rate of lowering the presser foot of the thickness gauge is

(A) $\frac{1}{100}$ in/sec

(B) $\frac{2}{100}$ in/sec

(C) $\frac{1}{1000}$ in/sec

(D) $\frac{2}{1000}$ in/sec

(E) Answer not known

82. The instrument used for measuring abrasion resistance is

- (A) Shirley tester
- (B) Shirley abrasion Coater
- (C) Martindale abrasion tester
- (D) Martindale abrasion Coater
- (E) Answer not known

83. In Air flow instruments, the relationship between specific surface S, the maturity ratio M and the fibre weight per centimetre H is

(A)
$$S = \text{constant} \times \frac{1}{\sqrt{(MH)}}$$

(B)
$$S = \text{constant} \times \sqrt{(MH)}$$

(C)
$$S = \text{constant} \times (MH)$$

(D)
$$S = \text{constant} \times \left(\frac{M}{H}\right)$$

- (E) Answer not known
- 84. The maturity of fibre can be estimated by

(A) Caustic Soda swelling method

(B) Acid method

(C) Baersorter

(D) Stelometer

- (E) Answer not known
- 85. The formula for extension percentage is
 - (A) Extension = Elongation/Initial length × 100%

(B) Extension =
$$\frac{\text{Elongation}}{\text{Initial lengh}} \times 100\%$$

- (C) Extension = Force/linear density \times 100%
- (D) Extension = $\frac{\text{Initial length}}{\text{Elongation}} \times 100\%$
- (E) Answer not known
- 86. The instrument used for measuring fibre length
 - (A) Sheffield micronaire

(B) Baersorter

(C) Stelometer

(D) Shirley stiffness tester

				그리는 아이들 보고 있다는 이번 등에 인터를 하면 어떻게 되었다. 그리고 있는 것은 사람들이 아이를 보고 있다.			
87.	In s	sampling zoning Technique is use	ed to test				
	(A)	Fabric	(B)	Yarn			
	(C)	Fibre	(D)	Filament			
	(E)	Answer not known					
88.	Amo	ong the given options identify the	e false sta	tement			
	(A)			ea under frequency in two equal parts			
	(B)	:					
	(C)						
	(D)						
	(E)	Answer not known					
89.	The	textile testing values of a mill ar	e given be	elow			
	40, 3 the f	8, 39, 38, 40, 39, 40, 40, 41, 42, ollowing values gives the mode of	40, 39, 40 of these va), 38, 40, 41, 38, 40, 42, 42 which one o			
	(A)	42	(B)	40			
	(C)	38	(D)	41			
	(E)	Answer not known					
00.	CV o	f a doubled strand is					
	(A)	$\frac{\text{CV of individual strand}}{2\sqrt{n}}$					

(B)

(C)

 $\frac{\text{CV of individual strand}}{2\sqrt{n^2}}$

 $\frac{\text{CV of individual strand}}{\sqrt{n^2}}$

 $\frac{\text{CV of individual strand}}{\sqrt{n}}$

91.	Ident	tify the Dyeing machine/processes	has ver					
	(A)	Pad-Batch process	(B)	Continuous Dyeing Machine				
	(C)	Jigger Dyeing	(D)	Beam Dyeing				
	(E)	Answer not known						
92.	Exce	ssive noise normally distracts atter	ntion a	and obstructs the				
	(A)	Machine	(B)	Smooth working				
	(C)	Material	(D)	Pollution				
	(E)	Answer not known						
93.	Texti	ile industry contributes around —		——— of share in country's export				
	(A)	16%	(B)	6%				
	(C)	36%	(D)	26%				
	(E)	Answer not known						
94.	TIF	S stands for						
J4.	(A)	Technological Upgradation Fund	System	n				
	(B)	Technological Upgradation Fund Schemes						
	(C)	Technological Upgradation Finance Schemes						
	(D)	Textile Upgradation Fund Schemes						
	(E)	Answer not known						
	(12)	Answer not known						
95.		er factories Act, no child under — t in any factory.		years of age shall be allowed to				
	(A)	12	(B)	18				
	(C)	16	(D)	14				
	(E)	Answer not known						
96.	Inter	rnal source of recruitment means						
	(A)	From present working force	(B)	From professional contacts				
	(C)	From Educational Institution	(D)	From out of the Organisation				
	(E)	Answer not known						

97.		cost of Remuneration such as walloyees of a concern is called as	iges,	salaries, commissions, bor	nuses of the
	(A)	Material Cost	(B)	Labour Cost	
	(C)	Expense	(D)	Prime Cost	
	(E)	Answer not known		Property of the second	
98.	"Bad	l debts" refers to			
	(A)	Non payment of Bank Interest			
	(B)	Non payment of principal Amount			
	(C)	Amount not realised from debtors			
	(D)	Amount received for labours			
	(E)	Answer not known			
	(A) (C) (E)	Plant Factors Answer not known	(B) (D)	cts. Concept Raw material	
100.	Illun	nination level for Blow Room is			
		55 – 65 lux	(B)	70 – 80 lux	
	(C)	100 – 115 lux	(D)	150 – 170 lux	
	(E)	Answer not known			
1					
101.	Total	l Quantity of light emitted by a light	sour	ce is called as	
	(A)	Lumen	(B)	Light Flux	
	(C)	Lux	(D)	Lighting efficiency	
	(E)	Answer not known			(6)

102.	Iden	tify the following texturized Fabric p	rope	rty is incorrect				
	(A)	Higher bulk	(B)	Poor dimensional stability				
	(C)	Greater water sorption	(D)	Increased warmth				
	(E)	Answer not known	* 1					
103.		wist-de-twist texturisation method,	the t	.p.m. given to the up twister can be in				
	(A)	100 – 200 t.p.m	(B)	500 – 800 t.p.m				
	(C)	1000 –1800 t.p.m	(D)	2000 – 3000 t.p.m				
	(E)	Answer not known						
104.		ong the following spinning process mers.	whi	ich is recommended for heat-sensitive				
	(A)	Dry spinning	(B)	Wet spinning				
	(C)	Melt spinning	a (D)	Wet and Melt spinning				
	(E)	Answer not known						
105.	The Fibr		hould	l be less than — to serve as a				
	(A)	14 Å	(B)	15 Å				
	(C)	16 Å	(D)	25 Å				
	(E)	Answer not known						
106.	The	raw material of polyester fibre is						
	(A)	(A) Ethylene glycol and Dimethyl terephthalate						
	(B)	Caprolactom						
	(C)	Adipic acid and hexamethylene di	amin	e				
	(D)	Diamine and a dicarboxylic acid						
	(E)	Answer not known						
•								

- 107. Important constituent in the chemical composition of raw wool is
 - (A) Fibroin

(B) Keratin

(C) Sericin

(D) Suint

- (E) Answer not known
- 108. The number of amino acids in wool fibre is
 - (A) 5-10

(B) 15 - 20

(C) 25 - 30

(D) 30 - 40

- (E) Answer not known
- 109. The gummy substance in the silk
 - (A) Pectin

(B) Resin

(C) Fibroin

(D) Sericin

- (E) Answer not known
- 110. Degree of order is equal to

(A)
$$[\rho - \rho_{am}] \div [\rho_{cr} - \rho_{am}]$$

- (B) $[\rho_{am} \rho] \div [\rho_{cr} \rho_{am}]$
- (C) $[\rho_{cr} \rho_{am}] \div [\rho \rho_{am}]$
- (D) $[\rho_{cr} \rho_{am}] \div [\rho_{am} \rho]$

- (E) Answer not known
- 111. Order the fibres based on their density
 - 1. Cotton
 - 2. Silk
 - 3. Poly propylene
 - 4. Glass
 - (A) 3 2 1 4

(B) 4 3 1 2

(C) 4 3 2 1

(D) 3 1 2 4

	(A)	Jute	(B)	Sisal			
	(C)	Flax	(D)	Hemp			
	(E)	Answer not known					
113.	The	lap fed to a 6 head comber is of 64 l	ktex a	and twin slivers of 3.4 ktex are required			
		ne cans. The waste percentage is 1 5, what draft-change wheel is necess		If the draft constant for this comber is			
	(A)	37.33	(B)	34.33			
	(C)	35.33	(D)	33.55			
	(E)	Answer not known					
114.	The	trash content of a cotton as fed to a on is 2.4%. What is the cleaning effic	ciency				
	(A)	3.33%	(B)	33.3%			
	(C)	50%	(D)	0.333%			
	(E)	Answer not known					
115.	Defi	nition of HOK in spinning is					
	(A)	Operative hours to produce 1000 l	kgs of	yarn			
	(B)	Operative hours to produce 100 kg	gs of y	arn .			
	(C)	Operative hours to produce 250 kg	gs of y	arn			
	(D)						
	(E)	Answer not known					
116.	The	range of draft in rotor spinning made	chines				
	(A)	50 to 70	(B)	100 to 200			
	(C)	220 to 280	(D)	300 to 350			
	(E)	Answer not known					

The fibre not belongs to bast fibre is

112.

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117.	Whi	ch of the following traveller is suita	ble fo	r spinning viscose rayon?			
	(A)	Flat	(B)	Semi-round			
	(C)	Ultra semi-round	(D)	Round			
	(E)	Answer not known					
118.	Hook	x formation at card, is happening be	twee				
	(A)	Licker - in and cylinder	(B)	Cylinder and under casing			
	(C)	Cylinder and differ	(D)	Cylinder and flats			
	(E)	Answer not known		er granden and the			
119.	The r	modern comber is working at a spee	d of				
	(A)	100 nips/min	(B)	200 nips/min			
	(C)	300 nips/min	(D)	150 nips/min			
	(E)	Answer not known					
120.	The f	ibres lie between the back and fron	t roll	er, without being held in any one of the			
	nip is termed as						
	(A)	Back roller nip	(B)	Front roller nip			
	(C)	Ratch	(D)	Floating fibres			
	(E)	Answer not known					
121.		ng the yarn manufacturing process	the at				
	(A)	Opening	(B)	Drafting			
	(C)	Twisting	(D)	Packaging			
	(E)	Answer not known					

- Calculate the count of the two fold cotton yarn composed of 72s and 56s singles. 122.
 - (A) 64.1

31.5

(C) 40.2 50.4

- (E) Answer not known
- Four 40s yarns are plied. What is the equivalent count of the plied yarn if twist 123. effects are ignored?
 - (A) 1/40

(C) 3/40

- (E) Answer not known
- 124. Calculate the Average count of 80s, 50s, 40s and 20s cotton yarn.
 - (A) 36.42s cotton

37.44s cotton

38.22s cotton (C)

38.34s cotton

- (E) Answer not known
- 125. Ne is equal to
 - (A) 590.5/D

1654/D (C)

1938/D

- (E) Answer not known
- Resultant count of double yarn is (where N₁ and N₂ are single yarn 126. counts)
 - (A) $N_1 + N_2$

(C) $\sqrt{N_1} + \sqrt{N_2}$

(B) $\frac{1}{N_1} + \frac{1}{N_2}$ (D) $\frac{1}{\sqrt{N_1}} + \frac{1}{\sqrt{N_2}}$

Answer not known (E)

	(A)			
	(2-1)	64	(B)	78
	(C)	96	(D)	128
	(E)	Answer not known		
128.	requ		arn :	n automatic pirn winder that would be in 8 hours, if the production per spindle 25 spindles 48 spindles
129.	diam	eter at the nose of the chase is 14		ton yarn is 32 mm, and the bare-pirn Determine the chase angle when the
	(A)	14° 49'	(B)	15° 39'
	(C)	14° 59'	(D)	15° 49'
	(E)	Answer not known		
130.		s of cotton. The weight of yarn was o		ese winder was found to contain 43,680 bund. Calculate the count of yarn of the
	· (A)	40s	(B)	32 ^s
	(C)	52 ^s	(D)	60s
	(E)	Answer not known		

131.		The surface speed of the feed roller is 35 cm/min and the coiler-calender rollers have a surface speed of 41.3 m/min, then the calculated draft is					
	(A)	118	(B)	120			
	(C)	128	(D)	130			
	(E)	Answer not known	(-)				
	(2)						
132.	1	———— Jacquard has two sets o	f kniv	ves which more up and down opposite t			
	each	other during a two pick cycle.					
	(A)	Single lift, single cylinder	(B)	Single lift, double cylinder			
	(C)	Double lift, single cylinder	(D)	Double lift, double cylinder			
	(E)	Answer not known					
133.	cutting is used to cut small pieces with high accuracy, such a						
	collars, pocket flaps and appliques.						
	(A)	Round knives	(B)	Straight knives			
	(C)	Die cutters	(D)	Band knives			
	(E)	Answer not known					
134.	Wado	ding can be called as					
	(A)	Lining	(B)	Interlining			
	(C)	Batting	(D)	Sequins			
	(E)	Answer not known					
135.	The f	eed system suitable for Elastic Wais	st bar	nd attachment is			
	(A)	Drop feed system	(B)	Differential bottom feed system			
	(C)	Unison feed system	(D)	Puller feed system			
	(E)	Answer not known					

136.	The	The total number of loops is a measured area of fabric is known as							
	(A)	Course	(B)						
	(C)	Course length	(D)	Stitch density					
	(E)	Answer not known							
137.	The type of machine which knits body-width underwear garments requiring little or no making-up and with no uncomfortable side-seams is called								
	(A)	Flat bed knitting machine							
	(B)	The seamless body wear garment	mach	ine					
	(C)								
	(D)	Interlock knitting machine							
Ç,	(E)	Answer not known							
138.	In warp knitting, the second part of the loop structure is the length of yarn connecting the loop, which is called an								
	(A)	Over lap	(B)	Under lap					
	(C)	Open lap	(D)	Closed lap					
	(E)	Answer not known							
	1200								
139.	Knitting Machine having double ended needle and needle bed are set at 180° to each other is								
	(A)	Plain .	(B)	Rib					
	(C)	Interlock	(D)	Purl					
	(E)	Answer not known							
40.	The purpose of over lock stitch								
	(A)	To give good finish of fabric							
	(B)	To prevent yarn fraying of material							
	(C)	To bind the edges of the fabric							
	(D)	To stitch the joining of fabric							
	(E)	Answer not known							

141.	The 1	The most commonly used needle on a Tricot warp kinteling machine is							
	(A)	Latch needle	(B)	Spring board needle					
	(C)	Compound needle	(D)	None of the above					
	(E)	Answer not known							
142.	In —	wearing, weft transfe	r tak	es place at centre of the loom.					
	(A)	Rapier	(B)	Projectile					
	(C)	Water jet	(D)	Multi phase					
	(E)	Answer not known							
143.	Sma	llest number of threads required to	show	all the interlacings in the pattern					
	(A)	Plain weave	(B)	Weave repeat					
	(C)	Weave Index	(D)	Plain repeat					
	(E)	Answer not known							
	.								
144.	Energy required to pick the picking stick in wearing.								
	(A)	$\mathrm{m}\mathrm{v}^{2}$	(B)	½ mv ²					
	(C)	$ m mv^2~P$	(D)	mv					
	(E)	Answer not known							

145.	Heald reversing is not required in								
	(A)	Negative shedding	(B)	Positive shedding					
	(C)	Plain looms	(D)	Auto looms					
	(E)	Answer not known							
					7.				
146.	In w	earing, crankshaft is driven from th	e mot	tor and makes					
	(A)	One revolution per pick							
	(B)	Two revolution per pick							
	(C)	Half revolution per pick							
	(D)	No revolution per pick							
	(E)	Answer not known							
147.	Ident	tify the type of shed produced by a v	ertica	al dobby on handlooms.					
	(A)	Centre Closed shed	(B)	Bottom closed shed					
	(C)	Top closed shed	(D)	Open shed					
	(E)	Answer not known							
148.	In pla	ain power loom the shuttle enters th	ne wa	arp in over pick loom at					
	(A)	210°	(B)	180°					
	(C)	240°	(D)	270°					
	(E)	Answer not known							

- 149. Yarn clearers are used to remove
 - (A) Foreign fibres in the yarn
- (B) Objectionable faults in yarn
- (C) Polypropylene fibres in the yarn
- (D) Contamination in the yarn

- (E) Answer not known
- 150. Choose the incorrect statement
 - (A) Knot is considered as "one fault replacing a worst fault".
 - (B) Knot yarn strength is higher than parent yarn
 - (C) Spliced yarn strength is higher than parent yarn
 - (D) Weaver's knot is appropriate for short-staple yarn.
 - (E) Answer not known
- 151. In random winding, angle of winding (wind angle) is

If V_t – traverse speed (m/min)

D - Diameter of the layer being wound (m)

N - Bobbin rotational speed (rpm)

(A)
$$\cos \theta = \frac{\pi DN}{V_t}$$

(B)
$$\cos \theta = \frac{V_t}{\pi DN}$$

(C)
$$\tan \theta = \frac{V_t}{\pi DN}$$

(D)
$$\tan \theta = \frac{\pi DN}{V_t}$$

- (E) Answer not known
- 152. Precisim winding is preferred for
 - (A) Cotton spun yarn

(B) Jute yarn

(C) Polyester filament

(D) Linen yarn

153.	Carbon fibres also called as								
	(A)	Cotton fiber	(B) Graphite fiber						
	(C)	Mineral fiber	Glass fiber						
	(E)	Answer not known							
154.	Headliners in the car consists of								
	(A)	Polyethylene of 200 gm/m ²							
	(B)	B) Acrylic of 200 gm/m ²							
	(C) Formaldehyde of 200 gm/m ²								
	(D) Finer denier polypropylene of 200 gm/m ²								
	(E) Answer not known								
55.	Implantable materials used in medical textile is								
	(A)	Wound dressing	·(B)	Sutures					
	(C)	Artificial heart	(D)	Surgical covers					
	(E)	Answer not known							
56.	The material used in the production of artificial kidney is								
	(A)	Hollow viscose	(B)	Hollow Nylon					
	(C)	Hollow polypropylene	(D)	Hollow Acrylic					
	(E) .	Answer not known							
57.	The property not required for air bag is								
	(A)	high strength	(B)	high elongation					
	(C)	energy absorption	(D)	heat stability					
	(E)	E) Answer not known							

158.	The batt in non-woven fabric formation represents									
	(A) Lay several webs on top of each other									
	(B) Cross laying web									
	(C) Parallel laying web									
	(D)	Air l	aying w	reb						
	(E)									
			011					· •		
159.	fibres are suitable for Thermal bonding.									
	, , ,	(A) Polypropylene					(B)	Poly aramide		
	(C)		peptide				(D)	Poly Urethenes		
	(E)	Ansv	wer not	known						
160.	Mat	ch the	followin	ng						
		Colur					Column	В		
	(a)	Super	r absorb	ent pol	ymer	1. Air bag				
	(b)	Elast	ane			2.	2. fish net			
	(c)	Wove	n fabric	2	*	3. nonwoven				
	(d)	Warp	knit			4.	compres	sion bandage		
		(a)	(b)	(c)	(d)					
	(A)	3	1	4	, 2					
	(B)	3	4	1	2					
	(C)	4	1	3	2					
	(D)	4	3	2	1					
	(E)	Answ	er not l	known						
161.	Which of the following is not used in needle-punching machine									
	(A)	Crar					(B)	Stripper plate		
	(C)	Bed	plate				(D)	Punch card		
	(E)	Answer not known								
162.	Hydroentangled non-woven fabrics commonly made from									
102.					en iaui	105	(B)	Polyester fibre		
	(A)	Acrylic fibre						Viscose rayon		
	(C)	Nylon fibre Answer not known					(D)	viscose rayon		
	(E)	Ansy	wer not	known						

105.	Boiling off is a process related to						
	(A)	Wool fibre	(B)	Silk fibre			
	(C)	Cotton fibre	(D)	Polyester fibre			
	(E)	Answer not known					
164.	The term "End" or one "turn" is involved in						
	(A)	Beam dyeing machine	(B)	Winch dyeing machine			
	(C)	Jigger dyeing machine	(D)	Cheese dyeing machine			
	(E)	Answer not known					
165.	The i	important property of cationic dyes i	s				
	(A)	Brilliance	(B)	Dull			
	(C)	Semi dull	(D)	Dark			
	(E)	Answer not known					
166.	Choo	se the dye not suitable for cotton					
	(A)	Vat	(B)	Disperse			
	(C)	Direct	(D)	Reactive			
	(E)	Answer not known					
167.	Selec	t the most suitable dye for polyester					
	(A)	Direct Dye	(B)	Sulphur Dye			
	(C)	Basic Dye	(D)	Disperse Dye			
	(E)	Answer not known					

168.	Fats and related substances can be removed from textile materials by						
	(A)	Singeing	(B)	Desizing			
	(C)	Scouring	(D)	Bleaching			
	(E)	Answer not known					
169.	Enzyme used for Desizing of cotton material is						
	(A)	Protease	(B)	Lipase			
	(C)	Amylase	(D)	Pectinase			
	(E)	Answer not known					
			+				
170.	The	efficiency of Bleaching is assessed by	7				
	(A)	Sodium hypochlorite	(B)	pH value			
	(C)	Copper Number	(D)	Calcium Number			
	(E)	Answer not known					
171.		is a Hydrolytic desizing meth	od.				
	(A)	Acid steep	(B)	Bromite			
	(C)	Chlorine	(D)	Chlorite			
	(E)	Answer not known					
172.	Universal bleaching agent is						
	(A)	Peroxide	(B)	Hypochlorite			
	(C)	Sodium hydrosulphite	(D)	Chloramine			
	(E)	Answer not known					

173.	Satir	n weave structure is used for		
	(A)	ribbon cloth	(B)	towel cloth
	(C)	bed covers	(D)	quilts fabric
	(E)	Answer not known		
	.1			
174.	The	suitable move numbers for construc	ting 1	5 end satin is
,	(A)	3, 7, 9	(B)	2, 4, 7
	(C)	2, 3, 4, 5	(D)	2, 3, 5
	(E)	Answer not known		
175.	The	wavy twill is also known as		
	(A)	Pointed twill	(B)	Herringbone twill
	(C)	Rearranged twill	(D)	Broken twill
	(E)	Answer not known		
176.		fabric structure has the	featu	are of two parts filled with plain weave
	and	remaining two parts filled with long	float	motif.
	(A)	Crepe weave	(B)	Bedford cords
	(C)	Huck A Back	(D)	Twill weave
	(E)	Answer not known		
177.	Satin	n is used with reference to a corresp	ondin	g
	(A)	Weft faced construction	(B)	Warp float
	(C)	Floating threads	(D)	Warp face structure
	(E)	Answer not known		

178.	Identify the incorrect statement with respect to Warp backed fabrics?					
	(A)	Requires two warp beams and no	drop	box		
	(B)	Drafts are Simpler				
	(C)	Greater strength warp way				
	(D)	Low quality of yarn cannot be use	d in v	warp due to greater strain in weaving		
	(E)	Answer not known				
179.	This	is not the derivative of the twill we	ave			
	(A)	Herring bone twill	(B)	Warp Rib		
	(C)	Pointed twill	(D)	Drive		
	(E)	Answer not known				
180.	The	term crepe is applied to weaves	that	contain little or no twilled or other		
	prom	ninent effect, and which give a cloth	the a	ppearance of being covered by		
	(A)	Minute spots or seeds	(B)	Warp streaks		
	(C)	Weft streaks	(D)	Barred effect		
	(E)	Answer not known				
181.	The t	type of draft suitable for weaving fal	orics	having heavy warp thread density is		
	(A)	Broken draft	(B)	Pointed draft		
	(C)	Skip draft	(D)	Straight draft		
	(E)	Answer not known				
A SELVIN						

- 182. Sample size for Pilling Test
 - (A) $300 \times 300 \text{ mm}$

(B) $400 \times 400 \text{ mm}$

(C) 125 × 125 mm

(D) $200 \times 200 \text{ mm}$

- (E) Answer not known
- 183. Convert 200D into Ne system
 - (A) 2658

(B) 22.22

(C) 26.58

(D) 265.8

- (E) Answer not known
- 184. Conversion factor to convert denier to Tex is
 - (A) 9.8

(B) $\frac{1}{9}$

(C) 9

(D) $\frac{1}{9.8}$

- (E) Answer not known
- 185. The instrument used for measuring single yarn strength is
 - (A) Stelometer

(B) Take-up tester

(C) Baer Sorter

(D) Instron tester

- (E) Answer not known
- 186. Correlogram techniques are used to determine the
 - (A) Fineness

(B) Periodic Variation

(C) Maturity

(D) Uniformity

(E) Answer not known

- 187. For American cotton staple length is given by
 - (A) $0.71 \times \text{effective length}$
 - (B) $0.81 \times \text{effective length}$
 - (C) 0.91 × effective length
 - (D) 0.99 × effective length
 - (E) Answer not known
- 188. Uniformity ratio is equal to

(A)
$$[S_{50\%} \div S_{2.5\%}] \times 100$$

(B) $[S_{2.5\%} \div S_{50\%}] \times 100$

(C)
$$\left[S_{50\%} \div S_{100\%}\right] \times 100$$

(D) $\left[S_{50\%} \div S_{67.5\%}\right] \times 100$

- (E) Answer not known
- 189. The ratio of the actual vapour pressure to the saturated vapour pressure at the same temperature, expressed as a percentage is known as
 - (A) Absolute Humidity

(B) Moisture Content

(C) Relative Humidity

(D) Moisture Regain

- (E) Answer not known
- 190. Which of the following is incorrectly matched?
 - (A) Humidity Wet-and-dry bulb hygrometer
 - (B) Humidity Thermometer
 - (C) Humidity Hair hygrometer
 - (D) Humidity Electrolytic hygrometer
 - (E) Answer not known

191.	The	The square root of the mean of the squares of the deviations of the observation from					
	thei	ir mean is called					
	(A)	Standard deviation					
	(B)	Variance					
2	(C)	Coefficient of variance					
	(D)	Percentage mean deviation					
	(E)	Answer not known					
192.	Abou	About ———— of energy is consumed in chemical wet processing.					
	(A)	28%	B) 58%				
	(C)	/ 38% (1	D) 48%				
	(E)	Answer not known					
	*						
193.	Non	woven laminated with films are used i	n green houses covers to provide				
	(A)	Protection to plants from frost					
	(B)	To save valuable fruits					
	(C)	Conductive weather condition for gro	wth				
	(D)	Filtration ability					
	(E)	Answer not known					
194.	Enzy	yme for peroxide killer is					
	(A)	Cellulose (E	3 Catalase				
	(C)	Amylase (I	D) Lipase				
	(E)	Answer not known					

195.	The	The seven Quality control tools were introduced by						
	(A)	Thomas and Wilson	(B)	Mikel Harry				
	(C)	Taguchii and David Hutton	(D)	Deming and Juran				
	(E)	Answer not known						
196.	Pick	Pick the Total quality management systems from the following						
	1.	6σ						
	2.	5s						
	3.	ISO						
	4.	GOTs	(T)					
1-2-1	(A)	26일 HER (HERE) HERE HERE HERE HERE HERE HERE HERE	(B)	1, 3, 4				
		1, 2, 3	(D)	1 and 3 only				
	(E)	Answer not known						
197.	24''	24" diameter and 42" height of a sliver can have ———— kgs of slive						
	cont							
	(A)	36	(B)	16				
	(C)	20	(D)	25				
	(E)	Answer not known						
198.	Whi	Which one is not belonging to material Handling in a Garment Industry?						
	(A)	Operators requirement for a stitching line						
	(B)	Cut pieces storage						
	(C)	Cloth Roller Transport System						
	(D)	Fabric Inspection						
	(E)	Answer not known						
199.	Identify one of the following is not concerned with production planning and control							
	(A)	Capacity planning	(B)	Time of Delivery				
	(C)	Lead Time	(D)	Capital Investment				
	(E)	Answer not known						
200.	Manufacturing cost is given by							
	(A)							
	(B)	Raw material cost, Indirect labour cost and factory overhead						
	(C)	Raw material cost, direct labour cost and Administrative overhead						
	(D)	Raw material cost, direct labour cost and Indirect labour cost						
	(E)	Answer not known						

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