

TS PGECET 2026 Textile Technology

Question Paper with Solutions

Conducted by JNTU, Hyderabad



General Instructions

- (i) The test is of 2 hours duration.
- (ii) This test paper consists of 120 questions. The maximum marks are 120.
- (iii) Each question carries +1 marks for correct answer and there is no negative marking for wrong answer.

1. Let the matrix

$$A = \begin{bmatrix} 3 & 1 \\ -1 & 2 \end{bmatrix}$$

and

$$I = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix},$$

then

$$A^2 - 5A + 7I =$$

(A)

$$\frac{1}{7} \begin{bmatrix} 2 & -1 \\ -1 & 3 \end{bmatrix}$$

(B)

$$\begin{bmatrix} 1 & 1 \\ 1 & 1 \end{bmatrix}$$

(C)

$$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$$

(D)

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$$

2. Let A and B be any two $n \times n$ matrices and

$$tr(A) = \sum_{i=1}^n a_{ii}, \quad tr(B) = \sum_{i=1}^n b_{ii}.$$

Consider the following statements:

- **Statement-I** : $tr(AB) = tr(BA)$.
- **Statement-II** : $tr(A+B) = tr(A) + tr(B)$.
- **Statement-III** : If $tr(A) = 5$, $tr(A^2) = 13$, then

$$tr(A-I)^2 = 6,$$

where $A_{3 \times 3}$ and $I_{3 \times 3}$ are matrices.

Choose the correct option.

- (A) Statement-I only is true
(B) Statement-I and Statement-II only are true
(C) Statement-I and Statement-III only are true
(D) Statement-I, Statement-II and Statement-III are all true
-

3. If

$$f(x, y, z, w) = x^2 e^{2y+3z} \cos(4w),$$

then

$$\frac{\partial f}{\partial z}$$

at $(2, 0, -2, 1)$ is

(A)

$$\frac{8 \cos 4}{e^4}$$

(B)

$$\frac{12 \cos 4}{e^6}$$

(C)

$$\cos 4$$

(D)

$$e$$

4.

$$\lim_{n \rightarrow \infty} \frac{5n^2 + 4}{7n^2 + 6n} =$$

(A) 0

(B) ∞

(C) $\frac{5}{7}$

(D) $\frac{7}{5}$

5. If

$$\vec{v} = (x + y + 1)\hat{i} + \hat{j} + (-x - y)\hat{k},$$

then the value of

$$\vec{v} \cdot (\nabla \times \vec{v})$$

is

(A) 0

(B) 0

(C) $-\hat{i} + \hat{j} + \hat{k}$

(D) $x - x - y$

6. If $y_1 = x^2$ is a known solution of

$$x^2 y'' - 3x y' + 4y = 0,$$

then the second independent solution y_2 is

- (A) $\frac{1}{x}$
 (B) x^2
 (C) $\log x$
 (D) $x^2 \log x$
-

7. The solution of

$$\frac{dy}{dx} + y = f(x),$$

where

$$f(x) = \begin{cases} x, & 0 \leq x < 1, \\ 0, & x \geq 1, \end{cases}$$

with the conditions

$$y(0) = 0, \quad y(1) = e^{-1},$$

is

(A)

$$y = \begin{cases} x - e^{-x}, & 0 \leq x < 1, \\ e^{-x}, & x \geq 1. \end{cases}$$

(B)

$$y = \begin{cases} x - 1 + e^{-x}, & 0 \leq x < 1, \\ e^{1-x}, & x \geq 1. \end{cases}$$

(C)

$$y = \begin{cases} x - 1 + e^{-x}, & 0 \leq x < 1, \\ e^{-x}, & x \geq 1. \end{cases}$$

(D)

$$y = \begin{cases} x + e^{-x}, & 0 \leq x < 1, \\ e^{-x}, & x \geq 1. \end{cases}$$

8. Consider the differential equation

$$\frac{dy}{dx} = x^2 - y, \quad y(0) = 1.$$

Using the Simple Euler's Method with a step size of $h = 0.1$, the value of $y(0.1)$ is

- (A) 0.1
 - (B) 0.7
 - (C) 0.9
 - (D) 1.0
-

9. Assertion (A): If $X \sim N(\mu, \sigma^2)$, then

$$P(X < \mu) = 0.5.$$

Reason (R): Normal distribution is symmetric about its mean.

- (A) Both A and R are true and R is the correct explanation of A.
 - (B) Both A and R are true but R is not the correct explanation of A.
 - (C) A is true but R is false.
 - (D) A is false but R is true.
-

10. In the binomial distribution $B(n, p)$, the variance (σ^2) and the mean (μ) are related by

- (A) $\mu = \sigma^2$
 - (B) $\mu = \sigma^2 p^2$
 - (C) $\sigma^2 = \frac{\mu}{p}$
 - (D) $\mu = \sigma^2 + \mu p$
-

11. The percentage of Moisture Regain of Silk is

- (A) 6.2
 - (B) 7.5
 - (C) 4.25
 - (D) 11
-

12. The following is considered as one of the fibre properties, prior selection to Spinning of Cotton

- (A) Bending Rigidity
 - (B) Fused Index
 - (C) Maturity
 - (D) Surface Friction
-

13. 40's Cotton count refers to

- (A) Constant weight
 - (B) Constant density
 - (C) Constant length
 - (D) Constant volume
-

14. Which of the following are having potential as Composite material from New Natural fibres?

- (A) Silk and Maize
 - (B) Basalt and Coir
 - (C) Jute and Alginate
 - (D) Wool and Jute
-

15. Compared to Cotton, the special feature of Wool is

- (A) Moisture Regain
 - (B) Density
 - (C) Tenacity
 - (D) DFE
-

16. The common type of Staple fibre produced during synthetic fibre manufacture is

- (A) 1.2D × 38 mm
 - (B) 1.5D × 38 mm
 - (C) 2D × 38 mm
 - (D) 1.4D × 38 mm
-

17. What method is commonly used for the estimation of the percentage of Spin finish?

- (A) Kjeldhal
 - (B) Methyl Alcohol
 - (C) Isopropyl Alcohol
 - (D) Ethyl Alcohol
-

18. Habutai is a Silk fabric consists of (in g/m^2)

- (A) 150 – 180
 - (B) 200 – 250
 - (C) 120 – 140
 - (D) 30 – 50
-

19. Compared to Single yarn, in Double or folded yarns the Uniformity will

- (A) Reduce
 - (B) Improve
 - (C) Not be altered
 - (D) Be less than standard
-

20. In which type of cotton production, fertilizers are not used?

- (A) Bt
 - (B) Cyano ethylated
 - (C) Organic
 - (D) Carboxy methylated
-

21. TiO_2 is used as an agent in manufacturing synthetic fibre for

- (A) Stabilizing
 - (B) Lustering
 - (C) De-Lustering
 - (D) Antistatic
-

22. Spinning speeds in Man-made fibre of 10,000 mpm results in the formation of which Yarn?

- (A) LOY
 - (B) FOY
 - (C) MOY
 - (D) POY
-

23. In fibre length analysis, Dispersion or Scatter is useful to determine

- (A) Noil % at Comber
 - (B) Setting in Card
 - (C) Setting at Ring Frame
 - (D) Speed Frame
-

24. Mercerisation of Cotton fabrics will result in

- (A) Decrease in Tensile strength and increase in Air-permeability
 - (B) Increase in Crease recovery angle and increase in Bending rigidity
 - (C) Increase in Drapability and decrease in Bending rigidity
 - (D) Increase in Tensile strength and decrease in Crease recovery angle
-

25. Match the following:

List-1		List-2	
A	RB	I	1-10
B	RC	II	Inclined plane principle
C	Shinayakasa	III	Surface
D	G	IV	Compression
		V	Shear
		VI	Bending

- (A) A—III, B—VI, C—II, D—I

- (B) *A-II, B-I, C-III, D-V*
- (C) *A-V, B-I, C-VI, D-III*
- (D) *A-VI, B-IV, C-I, D-V*
-

26. In a Blowroom, a study was made to compare the fibre fracture using 2 Bladed and Kirschner beater. When the same mixing was processed using two Blowroom lines, the best statistical measure to choose is

- (A) t-Test
- (B) F-test
- (C) Chi-square Test
- (D) Kruskal-Wallis Test
-

27. Consider Shirting fabrics made from Varalakshmi Cotton and 14 tex Polyester Texturised yarns, then the bending rigidity of Polyester fabric when compared to Cotton is

- (A) 2.5 – 2.9
- (B) 3.2 – 3.4
- (C) 3.5 – 3.8
- (D) 4.1 – 4.5
-

28. A Control fabric has Numeri 6, after mercerization the expected value is

- (A) 6.0
- (B) 5.2
- (C) 4.2
- (D) 8.5
-

29. The constant used for conversion from Denier to Cotton system is

- (A) 4315
- (B) 2315
- (C) 5315
- (D) 6315
-

30. The production of Trilobal fibre in Man-made fibre is derived from the feature of

- (A) Silk
 - (B) Nylon
 - (C) Basalt
 - (D) Wool
-

31. Tinting is done in one of the following cases

- (A) Mixing of Jayadhar and Virnar Cottons to a lot size of 2000 kg
 - (B) Mixing of Polyester and Viscose to a lot size of 2000 kg
 - (C) Mixing of Sivin and Varalakshmi Cottons to a lot size of 2000 kg
 - (D) Mixing of LK-33 and DCH-32 Cottons to a lot size of 2000 kg
-

32. The drive for the feed lattice in Mixing Bale Opener is

- (A) Continuous
 - (B) Intermittent
 - (C) Interruptive
 - (D) Higher
-

33. It is a quality control study (Routine), in which the examination is in three areas across the width of output in Carding

- (A) Snap
 - (B) Nep
 - (C) Waster Extraction
 - (D) Breakage
-

34. In Carding, Point to Point action occurs between

- (A) Flat and Cylinder
 - (B) Cylinder and Doffer
 - (C) Licker in and Cylinder
-

(D) Licker in and Doffer

35. In Comber preparatory, as the Pre-Comb draft increases, the Noil % will

- (A) First increase and then decrease
 - (B) First decrease and then increase
 - (C) Decrease
 - (D) Increase
-

36. In Modern Comber, use of half moon shaped Web it is possible to achieve Combed Sliver with

- (A) High Production in terms of HOK
 - (B) Low U%
 - (C) High U%
 - (D) High bulk
-

37. In Roving frame, the Sliver Breakage stop motion is based on one of the following principles

- (A) Mechanical
 - (B) Opto-Mechanical
 - (C) Pneumatic
 - (D) Optical-Photoelectric
-

38. Long Trunk is observed in

- (A) Roving Frame
 - (B) Carding
 - (C) Scutcher
 - (D) ERM Cleaner
-

39. In which of the following, number of teeth decides the Noil % in Comber

- (A) Circular Bevel

- (B) Worm Wheel
 - (C) Ratchet
 - (D) Helical gear
-

40. In Spinning Triangle the height is ZERO, it indicates

- (A) False Twist
 - (B) True Twist
 - (C) Twist contraction
 - (D) Residual Twist
-

41. Use of Air Nozzle in Ring Frame results in

- (A) Reduction in Hairs / inch
 - (B) Higher Count CV%
 - (C) Lower Twist
 - (D) Higher Count
-

42. Consider the following and choose the correct answer with respect to Twisting of yarn.

Assertion [A]: Ring rail moves fast in one direction and slow in other direction. Reason [R]: Yarn Balance is obtained by winding and binding coils

- (A) [A] is true, but [R] is false
 - (B) Both [A] and [R] are true
 - (C) [A] is false, but [R] is true
 - (D) Both [A] and [R] are false
-

43. Friction Spun yarns are characterized by

- (A) Low Uniformity
 - (B) High Uniformity
 - (C) High CSP
 - (D) High Moisture absorption
-

44. Increase in Initial Nozzle pressure from 1.5 kg/cm^2 to 2.5 kg/cm^2 in Air Jet Spinning results in formation of which one of the following fibres?

- (A) More number of Core-wild and less number of Wrapper-wild
 - (B) Less number of Core-wild and more number of Wrapper-wild
 - (C) More number of Core-wild and more number of Wrapper-wild
 - (D) Less number of Core-wild and less number of Wrapper-wild
-

45. Consider the following and choose the correct answer with respect to "In Draw Texturising" Assertion [A]: Temperature can be changed in Primary and Secondary Heaters with desired range. Reason [R]: Crimped Yarns need setting of crimp

- (A) [A] is true, but [R] is false
 - (B) Both [A] and [R] are true
 - (C) [A] is false, but [R] is true
 - (D) Both [A] and [R] are false
-

46. A student records constant number of coils from empty to full bobbin. Then it is

- (A) Drum winders
 - (B) Precision winders
 - (C) Ply winders
 - (D) Doubler winder
-

47. Scroopy sound is a test for identification of

- (A) Sizing unit
 - (B) Sizing ingredient
 - (C) Sizing treatment
 - (D) Post sizing operation
-

48. Using more number of Sow boxes for a heavy set is also an example of

- (A) Single end sizing
- (B) Perfect drying methodology

- (C) Solvent sizing
 - (D) Split drying
-

49. What is the polymer used as end CAP for beam press roller?

- (A) PET
 - (B) Polyethylene
 - (C) Nylon
 - (D) CFRP
-

50. In Indiquip sizing machine, it is necessary to

- (A) Adjust the tension of warp
 - (B) Reset after each set length
 - (C) Clean after each set length
 - (D) Submerge in Oil bath
-

51. Parallel Close winding is observed in the following winding principle

- (A) Plane
 - (B) Precision
 - (C) Cross winding
 - (D) Drum
-

52. Match the following:

List-1		List-2	
A	Warping speed of 2000 mpm	I	BC Spooler
B	Skewer	II	System D
C	Wooden Drum	III	300-900 mpm warping speed
D	Uster Classimat	IV	Voile yarn
		V	Anti Bound Let off
		VI	Padmatex Cheese winder

- (A) A-III, B-VI, C-II, D-I
 (B) A-II, B-I, C-III, D-V
 (C) A-V, B-I, C-VI, D-II
 (D) A-V, B-I, C-III, D-VI

53. Consider the following and choose the correct answer:

Assertion [A]: In Fully Automatic Cone / Spool / Cheese link winders a Compromise is reached between Spindle efficiency and Operative efficiency by mechanization of actions.

Reason [R]: Circular machines with Multi count can be with link winder

- (A) [A] is true, but [R] is false
 (B) Both [A] and [R] are true
 (C) [A] is false, but [R] is true
 (D) Both [A] and [R] are false

54. High unwinding yarn tension variation among the dead end columns is observed in

- (A) Unrolling Creel warping
 (B) V-Creel warping
 (C) Magazine Creel warping
 (D) Automatic Truck Creel warping

55. The percentage of size added to Warp in Cotton Poplin case is

- (A) 12 to 15%
 - (B) 10 to 12%
 - (C) 8 to 10%
 - (D) 16 to 20%
-

56. Zaun Cup used in sizing by SQC team is for measuring

- (A) Temperature
 - (B) Tension
 - (C) Concentration
 - (D) Viscosity
-

57. Lappers are normally expressed in terms of ends and length of warp like

- (A) 2000 meters and 3000 ends
 - (B) 1000 meters and 3000 ends
 - (C) 3000 meters and 1000 ends
 - (D) 1000 meters and 2000 ends
-

58. It is necessary to produce a sized beam of medium set with $6480 + 20$ selvedge ends. The best combination of number of ends and beam in Creel zone of sizing is

- (A) 500 X 12
 - (B) 500 X 13
 - (C) 540 X 12
 - (D) 540 X 14
-

59. Selection of Reed and its count in weaving is related to

- (A) Total Number of Ends
 - (B) % air Space of Reed
 - (C) RH of Weaving Shed
 - (D) Speed of Loom
-

60. In which looms, the maintenance cost is very high

- (A) Air Jet
 - (B) Rapier
 - (C) Gripper Projectile
 - (D) Two Phase
-

61. Match the following:

List-1		List-2	
A	Grossgrain weave	I	Matt on 2 /2
B	Satinnette	II	Irregular Weft Rib
C	Sail cloth	III	Move number 1, 2, 1
D	Haircord	IV	Odd numbers are move numbers
		V	Brighton Honey Comb
		VI	Warp Rib

- (A) A-III, B-VI, C-II, D-I
 - (B) A-VI, B-III, C-I, D-II
 - (C) A-V, B-I, C-VI, D-III
 - (D) A-V, B-II, C-III, D-VI
-

62. Chinzing is a best example of

- (A) Backed Cloth
 - (B) Leno on 10 picks
 - (C) Wavy quilt
 - (D) Extra Thread figuring
-

63. Double rows of diagonal lines are the special feature of

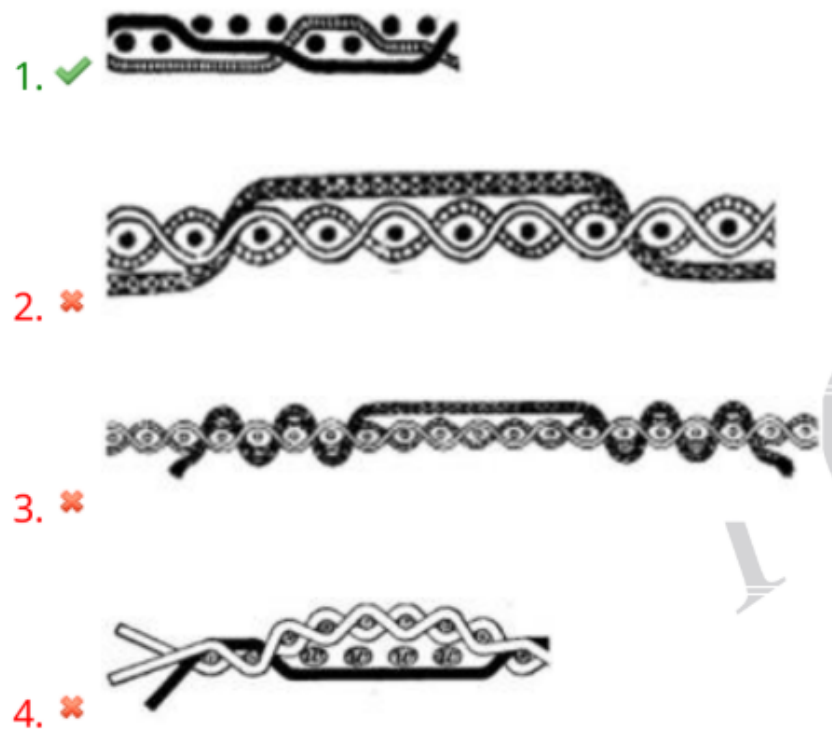
- (A) Huck-A-Buck
 - (B) Ordinary Honey Comb
-

- (C) Moss Crepe
(D) Terry / Turkish
-

64. There is an indirect relation between weave number, Number of heald shafts and maximum float size in

- (A) Huck-A-Buck
(B) Moss Crepe
(C) Honey Comb
(D) Terry / Turkish
-

65. In the following one of the cross section is ODD



- (A) Option 1
(B) Option 2
(C) Option 3
(D) Option 4
-

66. Jumber is found in

- (A) Cordouroy

- (B) Moleskein
- (C) Simple Leno
- (D) Simple Gauze

67. Interrupted take up motion is used in

- (A) Centre warp stitched double cloths
- (B) Centre weft stitched double cloths
- (C) Tubular double cloths
- (D) Cut double cloths

68. The following is a feature of Damask weaving

- (A) Inverted Jacquard
- (B) Split Harness
- (C) Alhambra Quilt
- (D) Shaker device

69. Match the following:

List-1		List-2	
A	Open Pillar Stitch	I	Two guide bar
B	Delware Stitch	II	Take down mechanism
C	German Rib	III	Broken draft
D	Spreader	IV	Equi faced Twill (2/ 2)
		V	Dial and Cylinder needles
		VI	1 for Runner Ratio

- (A) A-III, B-VI, C-IV, D-I
- (B) A-II, B-I, C-IV, D-VI
- (C) A-V, B-I, C-VI, D-II
- (D) A-VI, B-I, C-V, D-II

70. Lowest Knitting tension at Knit point is found in

- (A) 52° Non linear Cam
 - (B) 45° Linear Cam
 - (C) 52° Linear Cam
 - (D) 45° Non Linear Cam
-

71. Spirality in weft knit can be assessed by

- (A) Photo copy method
 - (B) Heat set method
 - (C) Wash burns method
 - (D) Star fish method
-

72. What type of gears are used to drive Cylinder in knitting machine?

- (A) Ratchet Pawl
 - (B) Bevel
 - (C) Circular Helical
 - (D) Spur
-

73. The values of 'G' of Knits as compared to Woven fabrics are

- (A) Moderately high
 - (B) Very high
 - (C) Lower
 - (D) Moderately low
-

74. Spun Bond or SMS is found to a maximum application in

- (A) Mobi Tech
 - (B) Medi Tech
 - (C) Pack Tech
 - (D) Build Tech
-

75. Match the following:

List-1		List-2	
A	Tensile Test	I	Adhesive bonded fabric
B	Cross Lapper	II	Rando webber
C	Spraying Method	III	Drift deposition
D	Wet Laid principle	IV	Wider width sample
		V	Card web
		VI	Tan α

- (A) A-II, B-VI, C-II, D-I
(B) A-IV, B-VI, C-I, D-III
(C) A-V, B-I, C-VI, D-II
(D) A-V, B-II, C-III, D-VI
-

76. Pre Needling and Final Needling differs in

- (A) WW
(B) Speed of loom
(C) Width of loom
(D) ND and strokes
-

77. In Needling, Kick up angle is related to

- (A) Structured needle
(B) Needle with 9 barbs
(C) Needle beam
(D) Needle with 6 Barbs
-

78. In the equation $\beta = \frac{b_2}{b_i}$ the term β is known as

- (A) Yarn Crimp ratio
-

- (B) Fabric width
 - (C) Yarn balance
 - (D) Limits of twist
-

79. $\phi = \int_0^R \int_0^{e_f} \varphi \epsilon_f d\epsilon_f \frac{2\pi r dr}{Y_y}$ is related to

- (A) Fabric strength
 - (B) Fibre Migration
 - (C) Closed fibre spacing
 - (D) Castigliano's theorem
-

80. The approximate lot size fed to a Jet Dyeing machine

- (A) 50–80 kg
 - (B) 60–90 kg
 - (C) 120–140 kg
 - (D) exactly 100 kg
-

81. Which of the following is mandatory process for Rubia Wet processing?

- (A) 6-Bowl
 - (B) 4-Bowl
 - (C) 3-Bowl
 - (D) 8-Bowl
-

82. Match the following:

List-1		List-2	
A	Static Pore theory	I	Clip Stenter
B	6 kg quality	II	Dyeing
C	Over Feed %	III	Four chamber stenter
D	Twin U- Jet	IV	FeSO ₄
		V	14 tex Crepe fabric
		VI	Devrekha

- (A) A-III, B-VI, C-II, D-I
 (B) A-II, B-I, C-III, D-V
 (C) A-V, B-I, C-VI, D-II
 (D) A-II, B-V, C-I, D-VI

83. Consider the following and choose the correct answer:

Assertion [A]: Dye uptake increase with more quantity dye availability.

Reason [R]: In lower liquors for a given Dye, % mobility of dye molecules are high.

- (A) [A] is true, but [R] is false
 (B) Both [A] and [R] are true
 (C) [A] is false, but [R] is true
 (D) Both [A] and [R] are false

84. Which of the following is the only dyeing machine available in Industry with different MLR?

- (A) Jigger
 (B) Padding Mangle
 (C) Winch
 (D) Jet

85. A sort with 68/86 D, Polyester Crepe-de-Chine fabric requires the following for Dana Effect

- (A) Singeing

- (B) Drumming
- (C) Mercerizing
- (D) Polishing

86. The results of K/S values as measured by a student shows: 2, 4, 6, 8, 10... from different methods. What gives K/S value of 10?

- (A) Jigger
- (B) Pad Batch
- (C) Jet
- (D) Winch

87. Match the following:

List-1		List-2	
A	Sateen & Higher GSM	I	Lower for Mercerised fabric
B	W/W	II	Drumming with CTMAB
C	Koshi (PHV) of 3	III	Winch
D	MIU	IV	Improved K/S for higher dye shades
		V	Jigger
		VI	Stenter speed

- (A) A-III, B-VI, C-II, D-I
- (B) A-II, B-I, C-III, D-V
- (C) A-V, B-I, C-VI, D-II
- (D) A-VI, B-IV, C-II, D-I

88. For what fabric, in Singeing operation the value 'G' will be reduced?

- (A) Long Cloth
- (B) Cambric
- (C) Tussore

(D) Poplin

89. A student records the loss of 50% in the following type of strength usage of Amylases in desizing

- (A) Tear
 - (B) Tensile
 - (C) Ballistic
 - (D) Bursting
-

90. In a study, different material to liquor ratios were used like 1:1.5, 1:3, 1:5, 1:10, 1:15. Higher amount of dye is available for which of the following MLR ratio

- (A) 1:15
 - (B) 1:1.5
 - (C) 1:10
 - (D) 1:3
-

91. The modern Twin Jet dyeing machine uses

- (A) Hydel Energy
 - (B) Natural Fuel
 - (C) Solar Energy
 - (D) Wind Energy
-

92. In industry, the type of NaOH used is

- (A) Flakes
 - (B) Pallets
 - (C) LR grade
 - (D) Solvent
-

93. In the following, one of the type of dyeing machine is available in different forms like long, short and medium sizes

- (A) Soft flow
 - (B) Thermofixation
 - (C) Stenter
 - (D) Jet
-

94. In the following, one of the resources is extensively used for decolourisation of dye spent liquor

- (A) Sand
 - (B) Fly Ash
 - (C) Carbon Black
 - (D) Husk
-

95. The following machine consists a Heat Exchanger

- (A) Printing Finishing
 - (B) Scouring Bleaching
 - (C) Jet Dyeing
 - (D) Thermofixation
-

96. Tamponing Machine is used for

- (A) Cotton
 - (B) Polyester
 - (C) Silk
 - (D) Acrylic
-

97. AC Commutator, DC Commutator, Motorized speed regulator etc., are the features of

- (A) Printing
 - (B) Finishing
 - (C) Jet Dyeing
 - (D) Garment Dyeing
-

98. What type of Technical Textile is used in Thermotransfer Printing machine?

- (A) Dyneema
 - (B) Nomex
 - (C) PLA
 - (D) PBT
-

99. In Printing Screen, which type of cloth is made in Plain weave?

- (A) Polyester Nylon
 - (B) Silk Bolting cloth
 - (C) Nomex
 - (D) HDPE
-

100. Nomenclature like Benninger, Roberto, Kusters are referred to which one of the following machines in Textile Wet Processing?

- (A) Padding Mangle
 - (B) Dryers
 - (C) Jet Dyeing
 - (D) Winch dyeing
-

101. In dyed pad-batch method, compared to Woven's, the Knits will have

- (A) High G
 - (B) Low W
 - (C) Low G
 - (D) High Koshi
-

102. A garment after dyeing in a top loading machine will have

- (A) High G
- (B) Low W
- (C) Low G
- (D) High Koshi

103. In the recent years, the following type of finishing of Denim is banned

- (A) Laser
 - (B) Sand Blast
 - (C) Puma Stone
 - (D) Acid
-

104. In which method of printing, mismatch of motif is a common defect?

- (A) Rotary
 - (B) Spray
 - (C) Transfer
 - (D) Flat Bed Screen
-

105. Match the following:

List-1		List-2	
A	Lower value of 'B'	I	Polyester
B	20 % Loss of Tensile strength	II	Mercerizing
C	Lipase	III	Viscose
D	Wax	IV	Jet dyeing
		V	Peroxide full bleach
		VI	Batik style

- (A) A-II, B-VI, C-II, D-I
 - (B) A-VI, B-II, C-I, D-II
 - (C) A-V, B-I, C-VI, D-III
 - (D) A-IV, B-V, C-I, D-VI
-

106. In a knitted fabric, what is the type of defect in lock stitching that reduces the potential for stitch in a seam?

- (A) Slipped stitch
 - (B) Unbalanced stitches
 - (C) Breakage
 - (D) Staggered stitching
-

107. The following is the process of stitching along the cut edge of a single ply of fabric to prevent raveling

- (A) Sagging
 - (B) Serging
 - (C) Grin
 - (D) Safety stitch
-

108. Shirring is a

- (A) Gathered fabric
 - (B) Scalloped fabric
 - (C) Ruffled fabric
 - (D) Knotted fabric
-

109. Which of the following tasks are required in the 'pre-award phase' of the purchasing cycle?

- (A) Identification of needs and producing specifications if required
 - (B) Expediting, reviewing progress and processes
 - (C) Reviewing quotations, gaining authorization and placing orders
 - (D) Assessing supplier performance and checking invoice details if required
-

110. A Bill of Material (BOM) lists the

- (A) Times needed to perform all phases of production
 - (B) Production schedules for all products
 - (C) Components, ingredients and materials required to produce an item
 - (D) Operations required to produce an item
-

111. Which of the following categories of materials handling equipment does a 'counter balanced type' belong to?

- (A) Gravity Conveyor
 - (B) Fork lift Trucks
 - (C) Picking Robot
 - (D) Warehouse Trolley
-

112. A time phased stock replenishment plan for all levels of supply chain is called

- (A) DRP
 - (B) ERP
 - (C) MRPII
 - (D) MRP
-

113. A Report that shows the resource requirement in a work center for all currently assigned works as well as all planned and expected orders is

- (A) MRP II report
 - (B) Closed loop report
 - (C) Back flush report
 - (D) Load report
-

114. CMT stands for

- (A) Complete Makeover Time
 - (B) Cut Makeover Time
 - (C) Cut Make Trim
 - (D) Complete Makeover Trim
-

115. A supply chain is essentially a sequence of linked

- (A) Customer and prospects
 - (B) Supplier and manufacturer
-

- (C) Warehousing and wholesaling units
 - (D) Events in the market process
-

116. The disruption of the fabric surface or the deformation of a garment leads to

- (A) Seam elasticity
 - (B) Slubs
 - (C) Distortion
 - (D) Seam grain
-

117. Cording stitches are used for stitching

- (A) Temporary pleats
 - (B) Permanent creases
 - (C) Pleats
 - (D) Gathers
-

118. The preproduction process of separating a spread into garment parts is called as

- (A) Spreading
 - (B) Bundling
 - (C) Cutting
 - (D) Ticketing
-

119. Speed of the high-speed lock stitch machine ranges from

- (A) 6000-8000 spm
 - (B) 1000-2000 spm
 - (C) 3000-4000 spm
 - (D) 2000-3000 spm
-

120. In which section of a garment unit, the measurements of the T-shirt can be adjusted, after it is sewn

- (A) Sewing
 - (B) Trimming
 - (C) Packing
 - (D) Ironing
-