FINAL ANSWER KEY

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Exam:	Weaving Instructor/Weaving Assistant/Weaving Foreman (Male Only)
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Question1:-A reagent capable of reducing and preventing electrical charges produced on textile material

A:-Antistatic agent

B:-Antistaining agent

C:-Antisoiling agent

D:-Antifoaming agent

Correct Answer:- Option-A

Question2:-Polymers are macromolecules built up by linking up of large number of

A:-Isotopes

B:-Monomers

C:-Micro Polymers

D:-None of the above

Correct Answer:- Option-B

Question3:-Fibre widely used for manufacturing fire proof fabric

A:-Wool

B:-Jute

C:-Nomex

D:-Hemp

Correct Answer:- Option-C

Question4:-Choose the longest staple cotton from the given list

A:-Indian cotton

B:-Egyptian cotton

C:-Chinese cotton

D:-Bangladesh cotton

Correct Answer:- Option-B

Question5:-Felting of wool fibre occurs due to

A:-Wax on fibre surface

B:-Fibre lusture

C:-Fibre resilience

D:-Scales on fibre surface

Correct Answer:- Option-D

Question6:-Process of converting cellulose into soda cellulose in Viscose rayon manufacturing

A:-Conditioning

B:-Steeping

C:-Shredding

D:-Churning

Correct Answer:- Option-B

Question7:-Choose the semi synthetic fibre from the list

A:-Nylon

B:-Acrylic

C:-Polyester

D:-Acetate

Correct Answer:- Option-D

Question8:-Process used to separate linen fibre from linen stalk

A:-Retting

B:-Carbonisation

C:-Scrooping

D:-Milling

Correct Answer:- Option-A

Question9:-Which one is an essential property of textile fibre

A:-Lusture

B:-Moisture absorption

C:-Fibre Length

D:-Fibre resilience

Correct Answer:- Option-C

Question10:-Moisture content of polyester fibre

A:-0.4-0.5

B:-4.1-4.5

C:-1-2

D:-7-8

Correct Answer:- Option-A

Question11:-Allocation of ends to healds

A:-Drafting

B:-Design

C:-Lifting Plan

D:-Denting Plan

Correct Answer:- Option-A

Question12:-Weave which has diagonal line in the fabric created by the floats of the ends or picks

A:-Plain

B:-Twill

C:-Gauze

D:-Pile

Correct Answer:- Option-B

Question13:-Which weave is not a derivative of plain weave ?

A:-Warp rib

B:-Weft rib

C:-Matt

D:-Leno

Correct Answer:- Option-D

Question14:-2/1, 3/2 twills are

A:-Warp faced

B:--Weft faced

C:-Balanced twill

D:-None of the above

Correct Answer:- Option-A

Question15:-Number of heald shafts required for a 10×10 Huck-a-back design

A:-4

B:-2

C:-6

D:-10

Correct Answer:- Option-A

Question16:-What is required for the construction of a sateen weave

A:-Warp number

B:-Weft number

C:-Move number

D:-Fabric Width

Correct Answer:- Option-C

Question17:-Variable beat-up motions are an essential part of which weaving technique

A:-Plain weaving

B:-Twill weaving

C:-Leno weaving

D:-Terry pile weaving

Correct Answer:- Option-D

Question18:-The design is constructed on point paper by using cross (x) and blank, blank means

A:-End is passing below the pick

B:-Pick is passing below the end

C:-End is passing over the pick

D:-None of the above

Correct Answer:- Option-A

Question19:-Which weave fabric is known as oatmeal fabric ?

A:-Huck-A-Back

B:-Pile

C:-Twill

D:-Crepe

Correct Answer:- Option-D

Question20:-What is the repeat size of a plain weave ?

A:-4×4

B:-8×8

C:-2×2

D:-6×6

Correct Answer:- Option-C

Question21:-Which of the following weave design in suitable for towels ?

A:-Leno

B:-Honey comb

C:-Jacquard

D:-Crepe

Correct Answer:- Option-B

Question22:-What are the methods for constructing crepe weave ?
1. Combination of floating weave with plain weave
2. By adding marks to sateen bases
3. By inserting one weave over another
4. By reversing a small design

A:-1, 2 and 4

B:-1, 2 and 3

C:-2, 3 and 4

D:-All the above

Correct Answer:- Option-D

Question23:-The weave constructed by alternately combing A floating weave with reverse motif weave

A:-Huck A Back

B:-Mock Leno

C:-Bedford Cord

D:-Brighton's Honey Comb

Correct Answer:- Option-B

Question24:-The smallest size of a twill weave is

A:-2 ends and 3 picks

B:-2 ends and 2 picks

C:-3 ends and 2 picks

D:-3 ends and 3 picks

Correct Answer:- Option-D

Question25:-The weaves which uses pointed draft

A:-Pointed Twill and diamond Twill

B:-Leno and Gauze

C:-Honey Comb and Bedford cord

D:-Pique and Mock Leno

Correct Answer:- Option-A

Question26:-Which is the suitable move numbers for the construction of 9 end satin weave

A:-3 and 4

B:-2 and 4

C:-2 and 3

D:-3 and 5

Correct Answer:- Option-B

Question27:-Which one is strongest weave ?

A:-Plain

B:-Basket

C:-Twill

D:-Satin

Correct Answer:- Option-A

Question28:-From the following designs, which is not a derivative of Twill design ?

A:-Corkscrew

B:-Herringbone

C:-Mock Leno

D:-Sateen

Correct Answer:- Option-C

Question29:-In a Corkscrew weave the repeat size is

A:-Even number

B:-Odd number

C:-Either even or odd number

D:-Zero

Correct Answer:- Option-B

Question30:-Among the following which is the lightweight fabric made from cotton or cotton blend ?

A:-Corduroys

B:-Velveteen

C:-Seersucker

D:-Bedford Cord

Correct Answer:- Option-C

Question31:-The lengthwise yarn in a woven fabric is known as

A:-Selvedge

B:-Grain

C:-Weft

D:-Warp

Correct Answer:- Option-D

Question32:-Patterning is most likely to occur in

A:-Precision winding

B:-Random winding

C:-Step-precision winding

D:-Pirn winding

Correct Answer:- Option-B

Question33:-In a 500 end double-lift, single cylinder jacquard has

A:-500 hooks and 500 needles

B:-500 hooks and 1000 needles

C:-1000 hooks and 500 needles

D:-1000 hooks and 1000 needles

Correct Answer:- Option-C

Question34:-In a power loom, seven-wheel take-up motion is

A:-Negative and intermittent

B:-Negative and continuous

C:-Positive and intermittent

D:-Positive and continuous

Correct Answer:- Option-C

Question35:-Bang-off is associated with

A:-Fast reed warp protection

B:-Loose reed warp protection

C:-Warp stop motion

D:-Side weft fork motion

Correct Answer:- Option-A

Question36:-The ratio of the length of crank to the length of connecting rod increases leads to

A:-Non change in Sley Eccentricity

B:-Decrease in Sley Eccentricity

C:-Initial increases and then decrease in Sley Eccentricity

D:-Increase in Sley Eccentricity

Correct Answer:- Option-D

Question37:-The process of threading the warp yarn through the heald and reed called

A:-Warping

B:-Beaming

C:-Drawing-in

D:-Sizing

Correct Answer:- Option-C

Question38:-In cotton yarn sizing, the starch primarily act as

A:-Binding agent

B:-Lubricating agent

C:-Antistatic agent

D:-Antimicrobial agent

Correct Answer:- Option-A

Question39:-In weaving, inserting filling yarns through the shed is called

A:-Shedding

B:-Picking

C:-Battening

D:-Spinning

Correct Answer:- Option-B

Question40:-Which of the following shedding mechanisms provides control of individual warp thread during weaving ?

A:-Crank

B:-Tappet

C:-Dobby

D:-Jacquard

Correct Answer:- Option-D

Question41:-Seven wheel take-up is

A:-Positive continuous take-up motion

B:-Positive intermittent take-up motion

C:-Negative continuous take-up motion

D:-Negative take-up motion

Correct Answer:- Option-B

Question42:-Dugdale's terry motion works chiefly on the _____ principle.

A:-Fast reed

B:-CRE

C:-CRL

D:-Loose reed

Correct Answer:- Option-D

Question43:-Temples are used to

A:-Hold the weft yarn

B:-Apply loom break

C:-Grip and hold the cloth

D:-Stop the loom

Correct Answer:- Option-C

Question44:-A design repeating on 6 cm along length and 10 cm along width of fabric having 40 ends and 30 picks per cm will require jacquard capacity of _____ hooks.

A:-180

B:-240

C:-300

D:-400

Correct Answer:- Option-D

Question45:-A 500-end double-lift, single-cylinder jacquard has

A:-500 hooks and 500 needles

B:-500 hooks and 1000 needles

C:-1000 hooks and 500 needles

D:-1000 hooks and 1000 needles

Correct Answer:- Option-C

Question46:-Single lift and single cylinder Jacquard forms

A:-Bottom closed shed

B:-Centre closed shed

C:-Open shed

D:-Semi open shed

Correct Answer:- Option-A

Question47:-Match the items in list I with those in list II.

a) Secondary motion	1. Fabric defects
b) Warp protector motion	2. Picking motion
c) Auxiliary motion	3. Let-off motion
d) Cracks	4. Weft stop motion
	5. Fast reed motion
	6. Single Jack dobby

A:-a-2, b-4, c-5, d-1

B:-a-3, b-5, c-4, d-1

C:-a-6, b-3, c-5, d-4

D:-a-4, b-1, c-2, d-5

Correct Answer:- Option-B

Question48:-If the starting handle is on the left hand side the dobby is mounted on the right hand side, the dobby is known as _____ in this type of dobby cylinder revolves in anti-clockwise direction and the shed for the first pick is controlled by the top hook.

A:-Left Hand Dobby

B:-Right Hand Dobby

C:-Vertical Dobby

D:- Horizontal Dobby

Correct Answer:- Option-A

Question49:-Missing end defects is due to

A:-Temple

B:-Warp break

C:-Weft break

D:-Absence of bunch

Correct Answer:- Option-B

Question50:-Yarn to yarn abrasion is taking place during weaving in the loom is in

betweeen

A:-Heald and reed

B:-Back roller

C:-Shed opening

D:-Fell of the cloth

Correct Answer:- Option-A

Question51:-Group I gives a list of loom motions and Group II contains loom systems. Match the motion from Group I with the corresponding system from Group II.

Group -I	Group II
P. Shedding	1. Matched cam
Q. Picking	2. Seven wheel
R. Beat-up	3. Rapier
S. Take-up	4. Jacquard

A:-P-1, Q-3, R-4, S-2

B:-P-4, Q-3, R-2, S-1

C:-P-4, Q-3, R-1, S-2

D:-P-3, Q-4, R-1, S-2

Correct Answer:- Option-C

Question52:-In Eccle's drop box motion, when the fixed pin disc (outer disc) is turned half a revolution, it gives _____ box change.

A:-One

B:-Two

C:-Three

D:-Four

Correct Answer:- Option-A

Question53:-In an automatic loom

A:-Weft-break is repaired automatically

B:-Warp-break is repaired automatically

C:-Exhausted weft bobbin is replaced automatically

D:-Exhausted warp beam is replaced automatically

Correct Answer:- Option-C

Question54:-Projectile looms are developed in the year of 1950 by

A:-China

B:-Switzerland

C:-England

D:-Japan

Correct Answer:- Option-B

Question55:-In projectile looms, a bullet like shuttle 90 mm long and weighting about ____ technically named as gripper projectile is used to insert the weft thread into the warp shed.

A:-400 g

B:-300 g

C:-40 g

D:-80 g

Correct Answer:- Option-C

Question56:-In shuttle less looms, the cost of _____ is eliminated

A:-Warp winding

B:-Weft winding

C:-Pirn winding

D:-Beam winding

Correct Answer:- Option-C

Question57:-Match the loom listed in Group I with the corresponding components given in Group II. The correct option is

a) shuttle loom	1. Relay nozzles
b) Multiple box looms	2. Torsion bar
c) Air jet looms	3. Crank shaft
d) Automatic loom	4. Terry motion
	5. Dropbox
	6. Weft feeler mechanism

A:-a-2, b-4, c-5, d-1

B:-a-3, b-5, c-1, d-6

C:-a-6, b-3, c-5, d-4

D:-a-4, b-1, c-2, d-5

Correct Answer:- Option-B

Question58:-On Sulzer projectile loom, the number of projectiles depends on

A:-Weight of projectile

B:-R P M of loom

C:-Picking force

D:-Width of loom

Correct Answer:- Option-D

Question59:-A profile reed used on _____, that has a tunnel or profile in which the yarn are channelled across the warp shed.

A:-Air jet looms

B:-Rapier looms

C:-Dropbox looms

D:-Projectile looms

Correct Answer:- Option-A

Question60:-In _____ system, the tip of the pick of weft is gripped by the Rapier head and dragged to the centre of the warp shed where a tip-to-tip transfer takes place from the right-hand element to the one on the left.

A:-Gabler system

B:-Dewas system

C:-Propulsion system

D:-Sulzer projectile system

Correct Answer:- Option-B

Question61:-The circumference of warpreel is

A:-274.32 CM

B:-274.32 MM

C:-327.43 CM

D:-3.14 CM

Correct Answer:-Question Cancelled

Question62:-Number of maileyes in a standard set of heald is

A:-Reed count

B:-Heald count

C:-Heald stave

D:-Picks per inch

Correct Answer:- Option-B

Question63:-Which of the following did not effect size pick-up ?

A:-Depth of size box

B:-Sizing speed

C:-Temperature of saw box

D:-Viscosity of size paste

Correct Answer:- Option-A

Question64:-Type of warping used for check patterns

A:-Beam warping

B:-Ball warping

C:-Single thread warping

D:-Sectional warping

Correct Answer:- Option-D

Question65:-Define count in Tex system

A:-Number of 9000 meters present in one gram

B:-Number of 840 Hanks present in one gram

C:-Number of 1000 meters present in one Kilogram

D:-Number of 9000 hanks present in one gram

Correct Answer:-Question Cancelled

Question66:-Recommended relative humidity in loom shed for fine and super fine counts

A:-84 ± 3 degree centigrade

B:-65 ± 3 degree centigrade

C:-78 ± 3 degree centigrade

D:-55 ± 3 degree centigrade

Correct Answer:- Option-C

Question67:-The objectional fault removed in the winding to the total objectionable fault present in the yarn expressed as

A:-Knot factor

B:-Running efficiency

C:-Quality factor

D:-Clearing efficiency

Correct Answer:- Option-D

Question68:-Which of the following is a measure of the weight of given length of cotton fiber

A:-Tenacity

B:-Micronair

C:-Strength

D:-Denier

Correct Answer:- Option-B

Question69:-The monomers join end to end and liberated by a product it is

A:-Degree of polymerisation

B:-Condensation polymerisation

C:-Addition polymerisation

D:-Polymerisation

Correct Answer:- Option-B

Question70:-Any bunch of loose yarn attached to a yarn wound on the package is termed as

A:-Wild yarn

B:-Yarn slough

C:-Snarls

D:-Yarn entangelments

Correct Answer:- Option-A

Question71:-State the object of cone winding is to

A:-Produce fault free packages

B:-All the reasons mension earlier

C:-Smoothly unwind next process

D:-Make continuous long length of yarn

Correct Answer:- Option-B

Question72:-Each succeeding yarn on the package lay on the proceeding yarn results

A:-Wild yarns

B:-Snarls

C:-Yarn slough

D:-Patterning

Correct Answer:- Option-D

Question73:-The process parameters which govern the removal of faults, they are

A:-Yarn diameter and length

B:-Clearing efficiency and its parameters

C:-Slub catcher setting and unwinding tension

D:-Yarn sloughs and snarls

Correct Answer:- Option-C

Question74:-Mention the main objective of sizing

A:-Enhance the eveness of warp sheet

B:-Enhance weaveability of warp sheet

C:-Enhance moisturer pickup in warp sheet

D:-Avoid within yarn count variation

Correct Answer:- Option-B

Question75:-State the function of creel fan in warping

A:-To avoid fluff accumulation

B:-To avoid tension variation

C:-To increase the production

D:-To decrease stoppage time

Correct Answer:- Option-A

Question76:-State the function of ring and traveller

A:-To hold fiber in place

B:-To produce desired twist in the yarn

C:-To measure the length of yarn produce

D:-To remove the impurities in the yarn

Correct Answer:- Option-B

Question77:-Which type of yarn is made by twisting together two or more single yarns ?

A:-Ply yarns

B:-Filement yarns

C:-Texturised yarns

D:-Elastic yarns

Correct Answer:- Option-A

Question78:-Length and weight units in metric cotton system

A:-1000 meters and one pound

B:-840 yards and one pound

C:-1000 meter and one kilogram

D:-100 yards and 500 grams

Correct Answer:- Option-C

Question79:-The primary responsibility of a weaving manager is

A:-Increase the production

B:-Implementation of production plan

C:-Increase the quality of product

D:-Minimizing the cost of production

Correct Answer:- Option-B

Question80:-Importent machine setting directly influance the end breakage rate in warping

A:-Alignment of package at creel

B:-Eccentric guide rollers

C:-Defective thread guide

D:-All above mentioned

Correct Answer:- Option-D

Question81:-The instrument used to determine the moisture content in the atmosphere and its RH% is _____

A:-Conditioning oven

B:-Hydrometer

C:-Psychrometer

D:-Barometer

Correct Answer:- Option-C

Question82:-Identify the incorrect statement with respect to mode

A:-Mode is the value, which has highest frequency

B:-Mode is the highest value in the population

C:-It is one of the measures of central tendency

D:-It is the most repeating value in the population

Correct Answer:- Option-B

Question83:-The weight of water in a textile material expressed as a percentage of the oven dry weight of that material is known as

A:-Moisture Regain

B:-Moisture content

C:-Relative humidity

D:-Absolute humidity

Correct Answer:- Option-A

Question84:-Among these natural textile fibers, which has the least standard regain at 65% RH and 20°C ?

A:-Silk

B:-Wool

C:-Flax

D:-Cotton

Correct Answer:- Option-D

Question85:-The median of the following set of data are _____
20, 15, 25, 35, 32, 18, 30, 22, 26

A:-25

B:-25.5

C:-26

D:-None of the above

Correct Answer:- Option-A

Question86:-Instrument used to measure 2.5% span length of cotton fibre is _____

A:-Baer sorter

B:-High volume instrument

C:-Stelometer

D:-Digital fibrograph

Correct Answer:- Option-D

Question87:-Maturity ratio for 100% mature fibre is _____

A:-0.2

B:-0.5

C:-1.2

D:-1.5

Correct Answer:- Option-C

Question88:-In Baer sorter diagram, the length of short fibre is ____

A:-75% of effective length

B:-equal to mean length

C:-more than half of effective length

D:-less than half of effective length

Correct Answer:- Option-D

Question89:-Shirley trash analyser works on the _____ principle.

A:-Capacitance

B:-Buoyancy

C:-Photoelectric

D:-None of the above

Correct Answer:- Option-B

Question90:-The area under the load-elongation curve represents _____ of textile fibre.

A:-Youngs modulus

B:-Work factor

C:-Work of rupture

D:-Creep

Correct Answer:- Option-C

Question91:-Instrument used for determining the count of yarn from a small sample of linen fabric is ____

A:-Beesley balance

B:-Knowles balance

C:-Digital balance

D:-Wrap reel

Correct Answer:- Option-A

Question92:-An attachment to the Uster evenness tester which is used for the analysis of periodic variation is _____

A:-Imperfection indicator

B:-Uster classimat

C:-Fibrograph

D:-Spectrograph

Correct Answer:- Option-D

Question93:-On a classimat classification, yarn fault A2 is _____ than yarn fault D1.

A:-Thicker and longer

B:-Thicker and shorter

C:-Thinner and shorter

D:-Thinner and longer

Correct Answer:- Option-B

Question94:-In which principle of tensile strength testing, one of the clamps is pulled at a uniform rate and the load is applied through the other clamp that moves to actuate a load-measuring mechanism ?

A:-Constant rate of extension (CRE)

B:-Constant rate of loading (CRL)

C:-Constant rate of Traverse (CRT)

D:-Both (A) and (B)

Correct Answer:- Option-C

Question95:-ASTM standard test method classifies the yarn appearance into _____ grades.

A:-4

B:-5

C:-6

D:-7

Correct Answer:- Option-B

Question96:-Abrasion occurring in the collar of the shirt belongs to _____ type of abrasion.

A:-Plane

B:-Flat

C:-Edge

D:-Flex

Correct Answer:- Option-C

Question97:-Area of the fabric sample exposed for the test in Shirley air permeability tester is _____ square centimetre.

A:-4.07

B:-5.07

C:-6.07

D:-7.04

Correct Answer:- Option-B

Question98:-Which fabric property influences drapeability ?

A:-Elongation at break

B:-Bursting strength

C:-Tensile strength

D:-Bending rigidity

Correct Answer:- Option-D

Question99:-The fraction of the area of the fabric covered by both warp and weft yarns is ____

A:-GSM

B:-Drape coefficient

C:-Thread density

D:-Cloth cover factor

Correct Answer:- Option-D

Question100:-The strength of a filter cloth fabric against a multidirectional flow of pressure is determined using _____

A:-Bursting strength tester

B:-Tearing strength tester

C:-Tensile strength tester

D:-Lea strength tester

Correct Answer:- Option-A