

FINAL ANSWER KEY

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Department	HANTEX
Alphacode	A

Question1:-Where does the Ezhimala Naval Academy situate ?

- A:-Kollam
- B:-Ernakulam
- C:-Kozhikode
- D:-Kannur

Correct Answer:- Option-D

Question2:-Which of the following is the longest railway platform in India ?

- A:-Nizamuddin
- B:-Lokmanya Tilak
- C:-Kharagpur
- D:-Shoranur

Correct Answer:- Option-C

Question3:-Which of the following state is known as the Granary of India ?

- A:-Andhra Pradesh
- B:-Punjab
- C:-Tamil Nadu
- D:-West Bengal

Correct Answer:- Option-B

Question4:-Which city is known as the 'Manchester of South India' ?

- A:-Coimbatore
- B:-Bangalore
- C:-Hyderabad
- D:-Chennai

Correct Answer:- Option-A

Question5:-Name the boundary line between India and China.

- A:-Radcliff Line
- B:-Durand Line
- C:-Mc Mahon Line
- D:-`38^(th)` Parallel

Correct Answer:- Option-C

Question6:-Which of the following Prime Minister presented The First Five Year Plan in India ?

- A:-P. V. Narasimha Rao
- B:-Jawaharlal Nehru
- C:-Dr. Manmohan Sing
- D:-Indira Gandhi

Correct Answer:- Option-B

Question7:-Which river of Kerala is known as 'Nila' ?

- A:-Periyar
- B:-The Pamba
- C:-Bharathapuzha
- D:-Chaliyar

Correct Answer:- Option-C

Question8:-Who built the St. Angelo's Fort, Kannur ?

- A:-The British
- B:-The French
- C:-The Dutch
- D:-The Portuguese

Correct Answer:- Option-D

Question9:-Who among the following is NOT related with the Revolt of 1857 ?

- A:-Uddam Sing
- B:-Nana Saheb
- C:-Mangal Pandey
- D:-Tantya Tope

Correct Answer:- Option-A

Question10:-Who among the following is known as the 'Socrates of Maharashtra' ?

- A:-Dr. Ambedkar
- B:-Balagangadhar Tilak
- C:-Gopal Krishna Gokhale
- D:-Bipin Chandra Pal

Correct Answer:- Option-C

Question11:-Who conducted 'The Panthibhojanam' for the first time in India ?

- A:-Thykad Ayya
- B:-Sahodaran Ayyappan
- C:-C. Krishnan
- D:-Ayyankali

Correct Answer:- Option-A

Question12:-Who is known as 'Mayyazhi Gandhi' ?

- A:-K. Kelappan
- B:-M. Mukundan
- C:-C. Krishnan Nair
- D:-I. K. Kumaran Master

Correct Answer:- Option-D

Question13:-At where in Kerala, Sree Narayana Guru founded the Adwaita Ashram in 1913 ?

- A:-Sivagiri
- B:-Aluva
- C:-Chempazhanthy
- D:-Thalassery

Correct Answer:- Option-B

Question14:-Who is known as 'Lincoln of Kerala' ?

- A:-K. P. Karuppan
- B:-K. Kelappan
- C:-Mannath Padmanabhan
- D:-Ayyankali

Correct Answer:- Option-A

Question15:-When was the 'Oath of Coonan Cross' incident ?

- A:-1528
- B:-1607
- C:-1653
- D:-1453

Correct Answer:- Option-C

Question16:-Who is the author of the Malayalam political drama 'Pattabakki' ?

- A:-K. T. Muhammed
- B:-K. Damodaran
- C:-N. N. Pillai
- D:-Thoppil Bhasi

Correct Answer:- Option-B

Question17:-When was the POSCO Act passed ?

- A:-2012
- B:-2014
- C:-2016
- D:-2002

Correct Answer:- Option-A

Question18:-Whose birthday is observed as the National Sports Day ?

- A:-Dhanraj Pillay
- B:-Pragat Sing
- C:-Dilip Tirkey
- D:-Dhyan Chand

Correct Answer:- Option-D

Question19:-Where is the Kerala Sahitya Academy located ?

- A:-Kottayam
 - B:-Kozhikode
 - C:-Thrissur
 - D:-Thiruvananthapuram
- Correct Answer:- Option-C

Question20:-What is the rank of India in the Global Terrorism Index (G.T.I.) 2016 ?

- A:-7
 - B:-3
 - C:-10
 - D:-4
- Correct Answer:- Option-A

Question21:-The ratio of threads per inch to the square root of the cotton yarn count gives

- A:-Thickness of yarn
 - B:-Fabric density
 - C:-Cover factor
 - D:-Air permeability
- Correct Answer:- Option-C

Question22:-Which one of these yarns give a pebbled effect ?

- A:-Core yarn
 - B:-Crepe yarn
 - C:-Bulked yarn
 - D:-Voiled yarn
- Correct Answer:- Option-B

Question23:-Which of the following have a weft faced structure ?

- A:-Organdie
 - B:-Gaberline
 - C:-Satin
 - D:-Sateen
- Correct Answer:- Option-C

Question24:-The standard atmosphere for testing is

- A:-60° F and 65% RH
 - B:-20° F and 65% RH
 - C:-70° F and 60% RH
 - D:-27° F and 60% RH
- Correct Answer:- Option-A

Question25:-Name the fiber from which Linen yarn is spun.

- A:-Flax
 - B:-Cotton
 - C:-Hemp
 - D:-Sisal
- Correct Answer:- Option-A

Question26:-The unit of length in Denier system is

- A:-1,000 mts.
 - B:-9,000 mts.
 - C:-10 Km.
 - D:-900 mts.
- Correct Answer:- Option-B

Question27:-Two or more full picks missing and not exceeding 5 mm along the length of cloth is called

- A:-Crack
 - B:-Mispicks
 - C:-Weft bars
 - D:-Float
- Correct Answer:- Option-A

Question28:-Which of the following is done in powerlooms in order to improve weft crimp ?

- A:-Healds are raised to the maximum
- B:-Warp is sized
- C:-Backrest is held at a level higher than breast beam
- D:-Late shedding is promoted

Correct Answer:- Option-C

Question29:-Which of these structure is a denim fabric ?

- A:-Warp rib
- B:-3/1 Twill
- C:-2/3 Twill
- D:-Herring bone

Correct Answer:- Option-B

Question30:-Which of these fabric is associated with a city in Kerala ?

- A:-Saree
- B:-Chiffon
- C:-Chambery
- D:-Calico

Correct Answer:- Option-D

Question31:-Profile reed is used in

- A:-Air jet loom
- B:-Pitloom
- C:-Waterjet loom
- D:-Rapier loom

Correct Answer:- Option-A

Question32:-Which of the following is 'pure silk' ?

- A:-A fabric containing only silk fiber
- B:-A yarn where there is no metallic or any other weighting except for dyeing
- C:-Degummed silk
- D:-Spun silk

Correct Answer:-**Question Cancelled**

Question33:-The colour effect that is produced in fabric with warp of one colour and weft of another colour

- A:-Check effect
- B:-Matt effect
- C:-Stripe effect
- D:-Shot effect

Correct Answer:- Option-D

Question34:-The fiber which dot have affinity for Acid dyes is

- A:-Silk
- B:-Wool
- C:-Acrylic
- D:-Cotton

Correct Answer:- Option-D

Question35:-The Complementary colour for red is

- A:-Green
- B:-Orange
- C:-Purple
- D:-Yellow

Correct Answer:- Option-A

Question36:-Melange yarn is produced by

- A:-Mixing fibers of different staple length
- B:-Doubling yarns of different count
- C:-Doubling yarns of different origin
- D:-Mixing fibers of different colour

Correct Answer:- Option-D

Question37:-Which one of these is not a resist dyeing method ?

- A:-Ikat
- B:-Batik
- C:-Bandhani
- D:-Kalamkari

Correct Answer:- Option-D

Question38:-Corkscrew yarn is produced by

- A:-Twisting yarns of different count
- B:-Twisting yarns of same count
- C:-Twisting yarns of different colour

D:-Twisting yarns of same colour

Correct Answer:- Option-A

Question39:-Resultant count of a 2 fold yarn comprising 20sNe and 30sNe is

A:-25 Ne

B:-60 Ne

C:-12 Ne

D:-10 Ne

Correct Answer:- Option-C

Question40:-Tie dyeing is referred to

A:-Discharge style of printing

B:-Azoic style of printing

C:-Resist style of printing

D:-Direct style of printing

Correct Answer:- Option-C

Question41:-The minimum number of needles required for a 100 hook double lift double cylinder Jacquard

A:-104

B:-108

C:-208

D:-408

Correct Answer:- Option-C

Question42:-Tendering is the term associated with

A:-Stretching of fabric

B:-Pressing of fabric

C:-Laundering of fabric

D:-Degradation of fabric

Correct Answer:- Option-D

Question43:-Sanforizing is the process of

A:-Sizing polyester

B:-Improving light fastness

C:-Gas fading

D:-Controlled shrinking

Correct Answer:- Option-D

Question44:-In hand loom, which one of the following parts is connected directly to the bottom stave of head ?

A:-Treadle

B:-Bottom side lever

C:-Top side lever

D:-Top lever

Correct Answer:- Option-B

Question45:-Corkscrew twills are largely employed in the manufacture of

A:-Worsted garments

B:-Silk sarees

C:-Muslin fabric

D:-Calico fabric

Correct Answer:- Option-A

Question46:-Glabour's salt function as a _____ in the dyeing of acid dyes.

A:-Exhausting agent

B:-Fixing agent

C:-Migrating agent

D:-Levelling agent

Correct Answer:- Option-D

Question47:-The function of wadding ends in a bedford cord fabric is to improve

A:-Strength of Fabric

B:-Elasticity of Fabric

C:-Prominance of Ribs

D:-Stretch of Fabric

Correct Answer:- Option-C

Question48:-Harward twill is a

A:-Even sized twill

B:-Broken and reverse twill

C:-Low angled twill
D:-High angled twill
Correct Answer:- Option-B

Question49:-When a 2/2 and 3/1 twills combine end on end, the resultant design will repeat on ?

A:-4 ends and 4 picks
B:-8 picks and 4 ends
C:-8 ends and 4 picks
D:-8 ends and 8 picks
Correct Answer:- Option-C

Question50:-Satin weave is a

A:-Warp backed fabric
B:-Weft backed fabric
C:-Rearranged twill
D:-Regular twill
Correct Answer:- Option-C

Question51:-The minimum size of repeat of honey comb design is

A:-6 ends and 6 picks
B:-8 ends and 8 picks
C:-4 ends and 4 picks
D:-None of the above
Correct Answer:- Option-A

Question52:-Fat serve as _____ in sizing.

A:-Weighting agent
B:-Softener
C:-Hygroscopic substance
D:-Anti mildew agent
Correct Answer:- Option-B

Question53:-The draft that can be used in left to right symmetric design alone is

A:-Pointed draft
B:-Skip draft
C:-Steen draft
D:-Straight draft
Correct Answer:- Option-A

Question54:-Which among the following is a variety of warp ribbed cloth, woven on plain weave principle ?

A:-Bedford cord
B:-Seersucker
C:-Toilet Quilt
D:-Repp cloth
Correct Answer:- Option-D

Question55:-The function of 'Sow box' is

A:-Application of Vat dyes
B:-Retting of bast fibers
C:-Sizing of warp
D:-None of the above
Correct Answer:- Option-C

Question56:-The minimum no. of healds, that are required for weaving 16 end Brighton hone comb is

A:-8
B:-4
C:-16
D:-14
Correct Answer:- Option-C

Question57:-If eight hanks of yarn weigh 8 ounces, then its count in English cotton system is

A:-`4^(s)`
B:-`8^(s)`
C:-`1^(s)`
D:-`2^(s)`
Correct Answer:- Option-D

Question58:-Sectional warping is preferred where

A:-Heavy weavers beams are required

- B:-Large no. of ends are needed
 - C:-Distinctly repeating warp patterns are required
 - D:-Length of warp is extremely long
- Correct Answer:- Option-C

Question59:-Of these weft patterns, which one can be accomplished using Eccles drop box mechanism

- A:-2-white, 3-red, 4-blue, 6-yellow
- B:-2-white, 4-red, 8-blue, 8-yellow
- C:-5-white, 10-red, 5-blue, 10-yellow
- D:-None of the above

Correct Answer:- Option-B

Question60:-Which of the following fibers gain tensile strength on wetting ?

- A:-Wool
- B:-Cotton
- C:-Polyester
- D:-Silk

Correct Answer:- Option-B

Question61:-Which one of these is the angle of winding that give maximum package density ?

- A:-30°
- B:-45°
- C:-60°
- D:-75°

Correct Answer:- Option-A

Question62:-Which of the following can be an angle of the cone ?

- A:-4°2'
- B:-20°4'
- C:-25°4'
- D:-30°4'

Correct Answer:- Option-A

Question63:-In cone winding, when successive traverse are laid exactly on top of the other _____ occurs ?

- A:-Slough off
- B:-Nose unwinding
- C:-Close winding
- D:-Patterning

Correct Answer:- Option-D

Question64:-The weight of water in a material expressed as a percentage of the oven dry weight of the material is called

- A:-Relative humidity
- B:-Moisture regain
- C:-Moisture content
- D:-Absolute humidity

Correct Answer:- Option-B

Question65:-The standard regain of Nylon is

- A:-4%
- B:-17%
- C:-1%
- D:-8.50%

Correct Answer:- Option-A

Question66:-The count of a sample of yarn is $40^{(s)}$ Ne. If the moisture regain at the time of testing was 6%. The count of the yarn corrected to standard regain will be

- A:- $30.5^{(s)}$ Ne
- B:- $40.5^{(s)}$ Ne
- C:- $37.5^{(s)}$ Ne
- D:- $44.5^{(s)}$ Ne

Correct Answer:- Option-C

Question67:-Thermohygrograph is an instrument used to measure

- A:-Oven dry weight
- B:-Moisture regain
- C:-Relative humidity
- D:-Temperature

Correct Answer:- Option-C

Question68:-Which of these fibers have self extinguishing property, when removed from flame ?

- A:-Viscose rayon
- B:-Wool
- C:-Cotton
- D:-Polyester

Correct Answer:- Option-B

Question69:-The count of a sample of yarn is $65^{(s)}$ Ne, its equivalent count in Denier system will be

- A:-56 D
- B:-82 D
- C:-65 D
- D:-72 D

Correct Answer:- Option-B

Question70:-The dividend, for a standard wheel of 36T, in seven wheel take-up motion is

- A:-36
- B:-18
- C:-72
- D:-1

Correct Answer:- Option-D

Question71:-Starch serves as _____ in sizing.

- A:-Adhesive substance
- B:-Softening agent
- C:-Whitening agent
- D:-Weighting agent

Correct Answer:- Option-A

Question72:-Count of reed in stockport system is the number of dents in

- A:-1 inch
- B:-1 cm
- C:-2 cm
- D:-2 inch

Correct Answer:- Option-D

Question73:- _____ is the unit of weight in Tex system.

- A:-1 Pound
- B:-1 Ounce
- C:-1 gram
- D:-1 Kg

Correct Answer:- Option-C

Question74:-The kind of shed which is formed in a single lift single cylinder jacquard ?

- A:-Centre closed
- B:-Open shed
- C:-Semi open shed
- D:-Bottom closed shed

Correct Answer:- Option-D

Question75:-In handlooms, Jacquard machines are mounted according to

- A:-London system
- B:-Stockport
- C:-Philadelphia
- D:-Norwich

Correct Answer:- Option-A

Question76:-A horizontal row in the draft indicates

- A:-Warp
- B:-Weft
- C:-Heald
- D:-Reed

Correct Answer:- Option-C

Question77:-If two ends are drawn per dent in a $20^{(s)}$ Stockport reed, then ends per inch in the fabric is

- A:-10
- B:-20
- C:-40

D:-None of the above

Correct Answer:- Option-B

Question78:-The heald that is dedicated for controlling leno end is

A:-Doupe heald

B:-Twine heald

C:-Wire heald

D:-None of these

Correct Answer:- Option-A

Question79:-Tint of a colour is formed, when it is mixed with

A:-White

B:-Tertiary colour

C:-Secondary colour

D:-Black

Correct Answer:- Option-A

Question80:-Chiffon fabrics are made up of

A:-Fine silk yarn

B:-Fine cotton yarn

C:-Worsted yarn

D:-Nylon yarns

Correct Answer:- Option-A

Question81:-Which of the following is a drill fabric ?

A:-6/2 Twill

B:-3/2 Twill

C:-2/3 Twill

D:-2/2 Twill

Correct Answer:- Option-B

Question82:-Which of the following is used as an adhesive in the sizing of polyester ?

A:-PET

B:-Potato starch

C:-PVA

D:-Maize starch

Correct Answer:- Option-C

Question83:-Shaking device is employed in

A:-Size kettle

B:-Beam warping

C:-Leno weaving

D:-Sow box

Correct Answer:- Option-C

Question84:-In pirn changing automatic looms, the transfer of pirn takes place, when the sley approaches

A:-Top centre

B:-Front centre

C:-Bottom centre

D:-Back centre

Correct Answer:- Option-B

Question85:-Heald levelling device is used in

A:-Plain tappet looms

B:-Twill tappet looms

C:-Single lift single cylinder jacquard

D:-Double lift dobbies

Correct Answer:- Option-D

Question86:-Acid used for scrooping silk, is

A:-Acetic acid

B:-Sulphuric acid

C:-Hydrochloric acid

D:-Sulphonic acid

Correct Answer:- Option-A

Question87:-Denting plans shows

A:-Order of drawing ends through the heald

B:-Order of drawing ends through the reed

C:-Order of operating treadles

D:-Order of pegging lattice

Correct Answer:- Option-B

Question88:-Which among the following can be the size of a repeat of Brighton honey comb ?

A:-6 × 6

B:-9 × 9

C:-8 × 8

D:-10 × 10

Correct Answer:- Option-C

Question89:-Which one among the following is a counting number for ten end satin ?

A:-5

B:-7

C:-6

D:-8

Correct Answer:- Option-B

Question90:-Which one among the following can be the size of repeat of a Corkscrew weave ?

A:-9 × 9

B:-6 × 6

C:-7 × 8

D:-8 × 7

Correct Answer:- Option-A

Question91:-Which one among the following fiber has the least cellulose content ?

A:-Cotton

B:-Coir

C:-Viscose Rayon

D:-Ramie

Correct Answer:- Option-B

Question92:-Which one of the following is related to crepon style ?

A:-Waving using crepe yarns

B:-Adding marks on satin

C:-By inserting one weave over other

D:-Applying chemicals locally, that can shrink the yarn

Correct Answer:- Option-D

Question93:-Which of the following designs require two weavers beam, in their production ?

A:-Honey comb

B:-Satinatin

C:-Huck a Back

D:-Seersucker

Correct Answer:- Option-D

Question94:-The term cotted fleece refers to

A:-Entangled wool

B:-Sheared wool

C:-Pulled wool

D:-Chlorinated wool

Correct Answer:- Option-A

Question95:-The minimum concentration of caustic soda required for mercerization is

A:-20 gpl

B:-25 gpl

C:-4 gpl

D:-125 gpl

Correct Answer:- Option-D

Question96:-Which of the following is a permanent finish ?

A:-Blueing

B:-Calendering

C:-Starching

D:-Sanforizing

Correct Answer:- Option-D

Question97:-Which one of these package necessitates side unwinding ?

A:-Pirn

B:-Cone

C:-Ringcop

D:-Cheese

Correct Answer:- Option-D

Question98:-Which of the following is used for bleaching wool ?

A:-Calcium hypochlorite

B:-Sodium hypochlorite

C:-Hydrogen peroxide

D:-None of the above

Correct Answer:- Option-C

Question99:- _____ is a protein regenerated fiber.

A:-Kapok

B:-Zein

C:-Dacron

D:-Aramid

Correct Answer:- Option-B

Question100:-The one which is not a primary property of textile fiber ?

A:-Elasticity

B:-Crimp

C:-Uniformity

D:-Flexibility

Correct Answer:- Option-B