

FINAL ANSWER KEY

Question Paper Code:	27/2019/OL
Category Code:	103/2017
Exam:	Trade Instructor Gr II (Textile)
Medium of Question:	English
Date of Test	11-07-2019
Department	Technical Education
Alphacode	A

Question1:-The First Woman Prime Minister of Serbia

- A:-Vassiliki Thanou
- B:-Jacinda Andern
- C:-Ana Brnabic
- D:-Mercedes Araoz

Correct Answer:- Option-C

Question2:-Award Instituted by K.K. Birla Foundation in 1991 is

- A:-Vyas Samman
- B:-Moorthidevi Puraskar
- C:-Saraswathi Samman
- D:-Kalidas Samman

Correct Answer:-**Question Cancelled**

Question3:-Which Constitutional Amendment gives Constitutional Status and Protection to Co-operative societies?

- A:-91st
- B:-69th
- C:-92nd
- D:-97th

Correct Answer:- Option-D

Question4:-To prevent atrocities against SC/STs the Govt of India enacted the scheduled castes and tribes prevention of Atrocities Act in the year

- A:-1998
- B:-1989
- C:-1986
- D:-1985

Correct Answer:- Option-B

Question5:-The book 'India of My Dreams' is a compilation of speeches and essays of _____.

- A:-Jawaharlal Nehru
- B:-Gandhiji
- C:-CR Das
- D:-APJ Abdulkalam

Correct Answer:- Option-B

Question6:-Which of the following scheme was introduced by Ministry of Rural Development to train youth in Naxal hit areas?

- A:-Roshni
- B:-Himayat
- C:-Ajeevika
- D:-Hriday

Correct Answer:- Option-A

Question7:-British Missionary who started an English school at Mattancherry is

- A:-Rev. Habik
- B:-Rev. Dawson
- C:-Henry Baker
- D:-Charles Mede

Correct Answer:- Option-B

Question8:-Who was the leader of Malayali Memorial?

- A:-Dr. Palpu
- B:-T.K. Madhavan
- C:-G.P. Pillai
- D:-C. Kesavan

Correct Answer:- Option-C

Question9:-Wagon tragedy was associated with

- A:-Vaikom Satyagraha
- B:-Salt Satyagraha
- C:-Shanar Agitation
- D:-Malabar Rebellion

Correct Answer:- Option-D

Question10:-Who started the newspaper 'Al Ameen' from Kozhikkode?

- A:-Makthi Thangal
- B:-Abdul Khader Maulavi
- C:-Muhammed Abdul Rahman
- D:-E. Moidu maulavi

Correct Answer:- Option-C

Question11:-Gorumara National Park is in which State.

- A:-Assam
- B:-Gujarath
- C:-Madhya Pradesh
- D:-West Bengal

Correct Answer:- Option-D

Question12:-The magazine started in 1929 from Ernakulam under the leadership of Sahodaran Ayyappan

- A:-Yuktivadi
- B:-Kesari
- C:-Samadarshi
- D:-Swaraj

Correct Answer:- Option-A

Question13:-Social reformer C.V. Kunjuraman was born in 1871 at

- A:-Venganoor
- B:-Kottavakkara
- C:-Mayyanad
- D:-Kayikkara

Correct Answer:- Option-C

Question14:-Kairaleekouthukam is a work written by which social reformer?

- A:-Sahodaran Ayyappan
- B:-Pandit K.P. Karuppan
- C:-Brahmanand Sivayogi
- D:-Vagbadananda

Correct Answer:- Option-B

Question15:-Who was the leader of Oorutambalam revolt?

- A:-Mannath Padmanabhan
- B:-Velukkutty Arayan
- C:-Ayyankali
- D:-K.P. Vellon

Correct Answer:- Option-C

Question16:-The novel 'Entekarnan' was written by

- A:-V.T. Nandakumar
- B:-C.V. Balakrishnan
- C:-Rajeev Sivasankar
- D:-Unni Krishnan Puthur

Correct Answer:- Option-A

Question17:-Who presided over the first exclusive women session of the NSS in 1929?

- A:-A.V. Kuttimalu Amma
- B:-Janaki Amma
- C:-Karthiyani Amma
- D:-Thottakkattu Madhavi Amma

Correct Answer:- Option-D

Question18:-The Autobiography of Kalamandalam Raman Kutty Nair is

- A:-Kalimuttam
- B:-Thiranottam
- C:-Ente Jeevitham Arangilum Aniyarayilum

D:-Abhinayam Anubhavam

Correct Answer:- Option-B

Question19:-India's First Pico satellite is

A:-Studsat

B:-Gsat 4

C:-Hamsat

D:-Anusat

Correct Answer:- Option-A

Question20:-Vijaya Bank and Dena Bank merged with which of the following bank recently?

A:-Punjab National Bank

B:-Bank of India

C:-State Bank of India

D:-Bank of Baroda

Correct Answer:- Option-D

Question21:-The process of supplying necessary moisture to textiles is known as

A:-Weighting

B:-Scouring

C:-Conditioning

D:-Tinting

Correct Answer:- Option-C

Question22:-The ratio of actual vapour pressure to the maximum vapour pressure, expressed as a percentage is called

A:-Absolute humidity

B:-Moisture regain

C:-Relative humidity

D:-Moisture content

Correct Answer:- Option-C

Question23:-Which one of the following is the standard regain of cotton?

A:-8.5

B:-1.5

C:-4

D:-13.5

Correct Answer:- Option-A

Question24:-Which of the following is a natural mineral fiber

A:-Asbestos

B:-Glass

C:-Nylon 6

D:-Aramid

Correct Answer:- Option-A

Question25:-Which of the following is a unicellular fiber?

A:-Silk

B:-Jute

C:-Ramie

D:-Cotton

Correct Answer:- Option-D

Question26:-Schweitzer's reagent is a mixture of copper hydroxide and

A:-Acetic acid

B:-Ammonia

C:-Hydrochloric acid

D:-Sodium chloride

Correct Answer:- Option-B

Question27:-Oxy cellulose is formed when cotton is boiled with concentrated

A:-Hydrochloric acid

B:-Sodium chloride

C:-Nitric acid

D:-Sulphuric acid

Correct Answer:- Option-C

Question28:-The process of stretching the fabric width wise to regain its original dimension is called

A:-Tentering

B:-Tendering

C:-Stentering
D:-None of the above
Correct Answer:- Option-C

Question29:-The protein present in wool is

A:-Elastin
B:-Keratin
C:-Fibronectin
D:-Kevlar

Correct Answer:- Option-B

Question30:-The process done to compensate for the loss occurred due to boiling-off

A:-Mordanting
B:-Weighting
C:-Fixing
D:-Sizing

Correct Answer:- Option-B

Question31:-The property of wool that helps it in carbonizing is

A:-Resistance to alkali
B:-Resistance to acids
C:-Resistance high temperature
D:-Resistance to cold weather

Correct Answer:- Option-B

Question32:-The species that yield mulberry silk is

A:-Philosamia ricinis
B:-Bombyx mori
C:-Antheraea paphis
D:-Antheraea assamia

Correct Answer:- Option-B

Question33:-Which of the following is used in the coagulating bath, for the spinning of viscose rayon?

A:-Sulphuric acid
B:-Acetic anhydride
C:-Hydrochloric acid
D:-Nitric acid

Correct Answer:- Option-A

Question34:-Monomer used in the preparation of nylon 6

A:-Adipic acid
B:-Caprolactum
C:-Hexamethylene diamine
D:-Terephthalic acid

Correct Answer:- Option-B

Question35:-The chemical used in the souring of cotton

A:-Washing soda
B:-Caustic potash
C:-Caustic soda
D:-Sulphuric acid

Correct Answer:- Option-D

Question36:-Turkey red oil is

A:-Surface active substance
B:-Sequestering agent
C:-Bleaching agent
D:-Anti mildew agent

Correct Answer:- Option-A

Question37:-Singeing removes

A:-Protein fibers
B:-Vegetable matter
C:-Protruding fibers
D:-Entangled yarns

Correct Answer:- Option-C

Question38:-Bleaching agent used in continuous bleaching process

A:-Sodium hypochlorite

- B:-Sodium chlorite
 - C:-Calcium hypochlorite
 - D:-Hydrogen peroxide
- Correct Answer:- Option-D

Question39:-The term stoving is associated with

- A:-Desizing
- B:-Burning away of protruding fibers
- C:-Burning of vegetable impurities
- D:-Bleaching with sulphur dioxide

Correct Answer:- Option-D

Question40:-Shrink resistant wool is prepared by

- A:-Carbonisation
- B:-Vulcanisation
- C:-Acetylation
- D:-Chlorination

Correct Answer:- Option-D

Question41:-Which one of these clothings is best suited in fire prone areas?

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

Correct Answer:- Option-A

Question42:-Which of the following is the right concentration of sodium hydroxide (W/V) in cold mercerizing?

- A:-3-7%
- B:-7-9%
- C:-18-22%
- D:-30-34%

Correct Answer:- Option-C

Question43:-The substance removed during degumming

- A:-Sericin
- B:-Fibroin
- C:-Natural colouring matters
- D:-Wool wax

Correct Answer:- Option-A

Question44:-Which of the following dyes is readily soluble in water?

- A:-Naphthol dyes
- B:-Reactive dyes
- C:-Disperse dyes
- D:-Sulphur dyes

Correct Answer:- Option-B

Question45:-Term scrooping is associated with

- A:-Shearing of wool
- B:-Dyeing with sulphur dyes
- C:-Treating wool with sulphuric acid
- D:-Treating silk with acetic acid

Correct Answer:- Option-D

Question46:-Indigo is a natural dye of

- A:-Vegetable origin
- B:-Animal origin
- C:-Mineral origin
- D:-None of the above

Correct Answer:- Option-A

Question47:-Cellulose Xanthate is prepared using

- A:-Carbon di sulphide
- B:-Sulphur dioxide
- C:-Hydrogen sulphide
- D:-Sodium sulphoxylate formaldehyde

Correct Answer:- Option-A

Question48:-The function of alkali in the dyeing of procion dyes

- A:-Promote level dyeing
 - B:-Dispersion of dye
 - C:-Promote exhaustion of dye
 - D:-Reacting dye with fiber
- Correct Answer:- Option-D

Question49:-A yarn characterised by the presence of imperfections or irregularities which are introduced in it deliberately

- A:-Sewing thread
- B:-Warp yarn
- C:-Fancy yarn
- D:-Weft yarn

Correct Answer:- Option-C

Question50:-Which of the following package is associated with hank yarn?

- A:-Cop
- B:-Cone
- C:-Cheese
- D:-Bundle

Correct Answer:- Option-D

Question51:-Which of the following machine have prime influence on the removal of short fibers?

- A:-Hooper feeder
- B:-Mixing bale opener
- C:-Draw frame
- D:-Card

Correct Answer:- Option-D

Question52:-Which of the following is not an object of ring frame?

- A:-Twisting
- B:-Drafting
- C:-Opening
- D:-Winding

Correct Answer:- Option-C

Question53:-Which of the following machines exercise the maximum amount of draft?

- A:-Ring frame
- B:-Card
- C:-Draw frame
- D:-Fly frame

Correct Answer:- Option-B

Question54:-Which among the following can be the cause of cracklers?

- A:-Excessive ballooning
- B:-Wider roller setting
- C:-Closer roller setting
- D:-Insufficient top roller pressure

Correct Answer:- Option-C

Question55:-In which of these process, fiber fineness have prime role in influencing yarn characteristic

- A:-Ring spinning
- B:-Air jet spinning
- C:-Rotor spinning
- D:-Friction spinning

Correct Answer:-**Question Cancelled**

Question56:-Which of the following holds good for card web?

- A:-Majority of the fibers are having trailing hooks
- B:-Majority of the fibers are having Leading hooks
- C:-Majority of the fibers are having double hooks
- D:-Majority of the fibers are having no hooks

Correct Answer:- Option-A

Question57:-Number of passages recommended between carding and ring spinning

- A:-Odd number
- B:-Even number
- C:-Two
- D:-None of the above

Correct Answer:- Option-A

Question58:-Which one of the following can be the TPI of "40^s" cotton warp yarn

- A:-25
- B:-14
- C:-60
- D:-40

Correct Answer:- Option-A

Question59:-In ring spun yarn

- A:-sheath and core are equally twisted
- B:-The core is more twisted than the sheath
- C:-The sheath is more twisted than core
- D:-None of the above

Correct Answer:- Option-C

Question60:-The speed of traveller is

- A:-Equal to the speed of the spindle
- B:-Always more than the speed of the spindle
- C:-Always less than the speed of the spindle
- D:-Seldom less than the speed of the spindle

Correct Answer:- Option-C

Question61:-In bobbin leading

- A:-Speed of bobbin increases with the progress of build
- B:-Speed of bobbin reduces with the progress of build
- C:-Speed of flyer reduces with the progress of build
- D:-Speed of flyer increases with progress of build

Correct Answer:- Option-B

Question62:-In which of the following process, the yarn is characterised by wrapper fibers

- A:-TFO
- B:-Ring spinning
- C:-Dref spinning
- D:-Rotor spinning

Correct Answer:- Option-D

Question63:-Which of the following packages can have parallel winding?

- A:-Ring cop
- B:-Flanged bobbin
- C:-Cone
- D:-Cheese

Correct Answer:- Option-B

Question64:-In ring spinning, what happens with the weight of traveller when the count goes finer

- A:-Increases
- B:-Remain constant
- C:-Decreases
- D:-None of the above

Correct Answer:- Option-C

Question65:-The function of ABC ring

- A:-Reduce yarn hairiness
- B:-Reduce yarn twist
- C:-Increase yarn twist
- D:-Control ballooning tension

Correct Answer:- Option-D

Question66:-Which one of the following machines have primary object as doubling and drafting?

- A:-Ring Doubler
- B:-Draw frame
- C:-Carding
- D:-Fly frame

Correct Answer:- Option-B

Question67:-In comber, tailing hooks are removed by

- A:-Bottom comb
- B:-Cylinder
- C:-Nipper
- D:-Top comb

Correct Answer:- Option-D

Question68:-Type of fluting employed for apron roller is

- A:-Hellical
- B:-Parallel
- C:-Knurled
- D:-Opposite hellical

Correct Answer:- Option-C

Question69:-Single preventer mechanism is employed in

- A:-Ring frame
- B:-Card
- C:-Simplex
- D:-Draw frame

Correct Answer:- Option-D

Question70:-Differential mechanism is employed in

- A:-Slasher sizing machine
- B:-Scutcher
- C:-Winch dyeing machine
- D:-Fly frame

Correct Answer:- Option-D

Question71:-Of the following machines which will occupy the last position in blowroom line

- A:-Bale plucker
- B:-ERM cleaner
- C:-Monocylinder opener
- D:-Step cleaner

Correct Answer:- Option-B

Question72:-Which of the following machines play major role in fiber individualisation?

- A:-Crighton opener
- B:-Card
- C:-Draw frame
- D:-Fly frame

Correct Answer:- Option-B

Question73:-Which of the following is the regulating length of a medium term auto levelling device?

- A:-3 m
- B:-3 mm
- C:-3 cm
- D:-10 cm

Correct Answer:- Option-A

Question74:-A card processing sea island cotton is reset to process Indian cotton, then the setting between cylinder and offer is to be made

- A:-Wider
- B:-Closer
- C:-Not altered
- D:-None of the above

Correct Answer:- Option-C

Question75:-The function of apron in drafting system is to

- A:-Control short fibers
- B:-Increase draft
- C:-Increase TPI
- D:-Decrease draft constant

Correct Answer:- Option-A

Question76:-Which of the following is a secondary property of textile fiber?

- A:-Fineness
- B:-Length
- C:-Strength
- D:-Weight

Correct Answer:- Option-A

Question77:-Which of the following machines make use of splicing?

- A:-Blendomat
- B:-Auto coner

C:-Fly frame

D:-Scutcher

Correct Answer:- Option-B

Question78:-Which of the following can be the break draft in a ring frame?

A:-1.2

B:-0.6

C:-0.8

D:-3.5

Correct Answer:- Option-A

Question79:-The shore hardness recommended for front top roller of ring frame is

A:-85° shore

B:-45° shore

C:-100° shore

D:-65° shore

Correct Answer:- Option-D

Question80:-Which of the following minimise channeling on top roller?

A:-Lappet hook

B:-ABC ring

C:-Traversing roving guide

D:-Hellically fluted roller

Correct Answer:- Option-C

Question81:-Bunch building is essential for

A:-Shuttle changing looms

B:-Cop changing looms

C:-Drop box looms

D:-Air jet looms

Correct Answer:- Option-B

Question82:-If there are 20 knots in 5 pounds of yarn, the count of yarn is

A:- "20^s" Nec

B:- "5^s" Nec

C:- "40^s" Nec

D:- "4^s" Nec

Correct Answer:- Option-C

Question83:-The number of threads in a lea is

A:-10

B:-80

C:-840

D:-7

Correct Answer:- Option-B

Question84:-When each succeeding coil of yarn is placed exactly upon the previously laid coil in a package, the defect is called

A:-Ballooning

B:-Stitching

C:-Doubling

D:-Ribboning

Correct Answer:- Option-D

Question85:-The dividend for a standard 7 wheel take-up mechanism is

A:-10

B:-36

C:-1

D:-72

Correct Answer:- Option-C

Question86:-Which of the following holds good for a sectional warping machine?

A:-Sizing and warping are done simultaneously

B:-Sizing is done after warping

C:-Pre sized warp is used in the feed package

D:-Doubled yarn alone can be produced

Correct Answer:- Option-C

Question87:-Which of the following is the primary ingredient in size paste?

- A:-Weighting agent
- B:-Anti foaming agent
- C:-Wetting agent
- D:-Adhesive

Correct Answer:- Option-D

Question88:-Sow box is used in

- A:-Slaher sizing machine
- B:-Multiple box loom
- C:-Drop box looms
- D:-Pit looms

Correct Answer:- Option-A

Question89:-In sizing, poly vinyl alcohol is used as

- A:-Antiseptic
- B:-Anti-mildew agent
- C:-Humectant
- D:-Adhesive

Correct Answer:- Option-D

Question90:-What will happen in power loom, when the change wheel for seven wheel take-up motion is replaced with a bigger one?

- A:-Loom speed is increased
- B:-Loom production is decreased
- C:-Loom speed is decreased
- D:-Loom production is increased

Correct Answer:- Option-B

Question91:-The function of oscillating backrest is

- A:-To provide support for the weaver
- B:-To provide support for the weaver's beam
- C:-To maintain uniform warp tension
- D:-Support the held from falling

Correct Answer:- Option-C

Question92:-If one bundle each of 10^s , 20^s , $2/20^s$ and 40^s cotton yarn are weighted, then

- A:-All of them weigh the same
- B:- 10^s bundle is heavier
- C:- 40^s bundle is heavier
- D:- $2/20^s$ bundle is heavier

Correct Answer:- Option-A

Question93:-In English cotton system, as the count increases

- A:-Thickness of yarn increases
- B:-Thickness of yarn decreases
- C:-Thickness of yarn remains the same
- D:-None of the above

Correct Answer:- Option-B

Question94:-Which of the following is called the universal system?

- A:-English cotton
- B:-Tex
- C:-Denier
- D:-French cotton

Correct Answer:- Option-B

Question95:-Which of the following is a negative shedding mechanism?

- A:-Barrel tappet
- B:-Climax dobbie
- C:-Dobcross dobbie
- D:-None of the above

Correct Answer:- Question Cancelled

Question96:-State the instance for which early picking is most preferred

- A:-Weaving strong weft
- B:-Multiple box motion
- C:-Dobbie shedding
- D:-Weaving weak weft

Correct Answer:- Option-D

Question97:-Strength of cotton increases with

- A:-Decrease in moisture content
- B:-Increase in moisture content
- C:-Increase in temperature
- D:-Decrease in relative humidity

Correct Answer:- Option-B

Question98:-Draft required for a ring frame processing 60^s cotton yarn, from roving of 2^s hank

- A:-120
- B:-60
- C:-30
- D:-2

Correct Answer:- Option-C

Question99:-Which one is true for centre weft fork motion?

- A:-Work for every pick
- B:-Work for odd number of picks only
- C:-Work for even number of picks only
- D:-None of the above

Correct Answer:- Option-A

Question100:-Tailing effect is a defect associated with

- A:-Mercerizing
- B:-Kier boiling
- C:-Gigger dyeing
- D:-Package dyeing

Correct Answer:- Option-C