LAB TECHNICAL ASSISTANT –TEXTILE DYEING AND PRINTING(ONLINE EXAM)

EXAM DATE:07-11-2016

**1.The strategy for large scale industrialization was adopted from the first time in**

A.First Five Year Plan

B.Second Five Year Plan\*

C.Third Five Year Plan

D.Fourth Five Year Plan

Ans:B

**2.Supporting the partition of India,who said,”Partition was better than murder of** **innocent citizens”**

A.Sardar Vallabhabhai Patel

B.Mahatma Gandhi

C.Acharya J

D.Jawaharlal Nehru\*

Ans:D

**3.Gandhi’s ideas on ‘Sarvodaya’and ‘Basic Education’were derived from**

A.Tolstoy

B.Ruskin\*

C.Vivekanada

D.Thoreau

Ans:B

**4.Tallest mountain peak of India is**

A.Kanchenjunga\*

B.Everest

C.Anamudi

D.Aravalli

Ans:A

**5.Arjuna award is associated with**

A.Social work

B.Sports and Games\*

C.Literature

D.Politics

Ans:B

**6.December 10 is observed as**

A.World Health Day

B.U.N.Day

C.World Red Cross Day

D.Human Rights Day\*

Ans:D

**7.Ayodhya stands on the banks of which river?**

A.Narmada

B.Brahmaputra

C.Sarayu\*

D.Yamuna

Ans:C

**8.Name the country other than India whose Independence day falls on** **‘15(th)August**

A.Pakisthan

B.Madagascar

C.Bengladesh

D.South Korea\*

Ans:D

**9.Who issued the “Kudal Manikkam”Temple Inscription?**

A.Kulasekhara Alwar

B.Sthanu Ravi Varman\*

C.Rajasekhara Varman

D.Bhaskara Ravi Varma

Ans:B

**10.’Palakkadu Fort’ was built by**

A.Tippu Sulthan

B.Almeda

C.Dilanoyi

D.Hyderali\*

Ans:D

**11.Kandathil Varghese Mappilai is associated with**

A.Malayala Manorama\*

B.Mathrubhumi

C.Deshabhimani

D.Kerala Koumudi

Ans:A

**12.The ruler who was known as “Padmanabhadasa”**

A.Sakthan Thampuran

B.Swathi Thirunal

C.Marthanda Varma\*

D.Dharamaraja

Ans:C

**13.The founder of ‘Admavidyasangham”**

A.Vagbhadananda\*

B.Brahmananda Sivayogi

C.Sree Narayana Guru

D.Vaikunda Swamikal

Ans:A

**14.The author of the book”Malayavilasam”**

A.Kerala Varma Valiyakoyi Thampuran

B.Kodungallur Kunhikkuttan Thampuran

C.A.R.Rajaraja Varma\*

D.Ulloor’s Parameswara Ayyar

Ans:C

**15.When was “Sadhujana Paripalana Sangham”formed?**

A.1903

B.1905

C.1907\*

D.1909

Ans:C

**16.Our Lok Sabha speaker is**

A.Sumitra Mahajan\*

B.H.L.Dattu

C.M.Tampidurai

D.Umabharathi

Ans:A

**17.Name the proposed capital of Andhra Pradesh**

A.Amaravati\*

B.Hyderabad

C.Sravanabelagola

D.Nagarjunakonda

Ans:A

**18.Which Brazilian player was called as the “White Pele”?**

A.Ronald Regan

B.Christiano Ronaldo

C.Lionel messi

D.Zico\*

Ans:D

**19.Who won the best female play back singer at the ‘62(nd)National Film** **Awards?**

A.K.S.Chithra

B.Latha Mankeshkar

C.Uttara Unnikrishnan\*

D.Shreya Ghoshal

Ans:C

**20.In which year malala Yousafsai won the Nobel Peace Prize?**

A.2013

B.2014\*

C.2015

D.2016

Ans:B

**21.A permanent finish is:**

A.Mercerizing\*

B.Calendaring

C.Filling with starch

D.Embossing

Ans:A

**22.Leuco Vat dye is dissolved using**

A.Sodium Chloride

B.Sodium sulphide

C.Calcium hydroxide

D.Caustic soda\*

Ans:D

**23.A natural polyamide fiber is**

A.Cotton

B.Jute

C.Hemp

D.Wool\*

Ans:D

**24.A hank of cotton yarn consists of ---------yards**

A.1440

B.120

C.840\*

D.560

Ans:C

**25.---------is one of the primary motions of the loom.**

A.Take-up

B.Let-off

C.Shedding\*

D.Denting

Ans:C

**26.Kier boiling is done on-----**

A.Cotton\*

B.Rayon

C.Nylon

D.Arylic

Ans:A

**27.Half pound of 20 s cotton yarn cotain----------hanks**

A.20

B.10\*

C.5

D.40

Ans:B

**28.To enable the printer to make correct registration of the block on the cloth----are often fixed round the sides of the block.**

A.Leather strips

B.Pitch pins\*

C.Clamps

D.Brass Clips

Ans:B

**29.-------is a hygroscopic agent used in printing paste.**

A.Calcium chloride

B.Glycerin\*

C.Gumt ragacanth

D.Hydrogen Sulphate

Ans:B

**30.Sensitising solution is used in the preparation of -----for printing**

A.Screen\*

B.Stencil

C.Roller
D.Block

Ans:A

**31.The length of one lea of yarn is-------yards**

A.100

B.120\*

C.36

D.40

Ans:B

**32.---------is the process of forming the fabric by interlacing two group of threads** **at right angle with each other.**

A.Spinning
B.Knitting

C.Felting

D.Weaving\*

Ans:D

**33.--------is a pretreatment for printing of cotton**

A.Scouring\*

B.Sanforizing

C.Fixing

D.Calendaring

Ans:A

**34.In a four colour printing using blocks a minimum of ---------number of blocks** **are required.**

A.4\*

B.2

C.1

D.3

Ans:A

**35.Minimum number of healds required to weave a plain weave is-----**

A.4

B.1

C.2\*

D.3

Ans:C

**36.Draw frame is a ---------machinery**

A.Weaving

B.Padding

C.Spinning\*

D.Knitting

Ans:C

**37.Twill weave requires a minimum of ------shedding tappets**

A.6

B.2

C.3\*

D.4

Ans:C

**38.The process of preparation of Cocoon from the egg of the silk worm is** **termed as----------**

A.Rearing

B.Throwing

C.Cocooning

D.Sericulture\*

Ans:D

**39.-------dyes are generally prepared by thionation of aromatic hydro carbons** **containing hydroxyl,nitro and amino groups**

A.Acid

B.Mordant

C.Dispersed

D.Sulphur\*

Ans:D

**40.Crank shaft is employed in---------**

A.Handloom

B.King frame

C.Power loom\*

D.Jigger

Ans:C

**41.---------is used as a thickening agent in the printing paste.**

A.Gum Tragacanth\*

B.NaOH

C.Glaubers Salt

D.Calcium Chloride

Ans:A

**42.---------is the process of removing protruding fibers from the yarmn.**

A.Scouring

B.Singeing\*

C.Pilling

D.Oxidising

Ans:B

**43.The first process in the application of vat dye is-----**

A.Oxidation

B.Bleaching

C.Vatting\*

D.Chlorination

Ans:C

**44.Sulphur dyes are converted into water soluble leuco forms by treatment with** **dilute aqueous-----**

A.Sodium carbonate

B.Acetic acid

C.Sodium sulphide\*

D.Sodium bicarbonate

Ans:C

**45.The unit of micronaire value of a fibre is------**

A.Centimeter

B.Grams/meter

C.Micrograms/inch\*

D.Inch grain

Ans:C

**46.The function of urea in the printing paste of direct dye is------**

A.Solvent\*

B.Anti-septic

C.Thickening agent

D.Tinting agent

Ans:A

**47.----------printing is a resist style printing**

A.Batik\*

B.Screen

C.Roller

D.Stencil

Ans:A
**48.Solublised vat dyes are-------salts of sulphuric acid esters of leuco vat dyes**

A.Calcium

B.Magnesium

C.Potassium

D.Sodium\*

Ans:D

**49.Procion yellow is a ---------class of dye**

A.Azoic

B.Basic

C.Direct

D.Reactive\*

Ans:D

**50.Traveler is used in-----**

A.Draw frame

B.Winch

C.Loom

D.Ring frame\*

Ans:D

**51.De-sizing is a -----process**

A.Dyeing

B.Pre-treatment\*

C.After treatment

D.Printing

Ans:B

**52.--------is an universal bleaching agent**

A.Bleaching powder
B.Hydrogen peroxide\*

C.Copper sulphate

D.Hydrogen chloride

Ans:B

**53.Squeegee is used in------------printing**

A.Screen\*

B.Batik

C.Roller

D.Stencil

Ans:A

**54.The main constituent of cotton fiber is**

A.Cellulose\*

B.Fibroin

C.Amino acids

D.Lignin

Ans:A

**55.Indigo belongs to---class of dyes.**

A.Sulphur

B.Basic

C.Vat\*

D.Reactive

Ans:C

**56.The bleaching of cotton is done to remove**

A.Oils and waxes

B.Natural colouring matter\*

C.Cellulose

D.Lignin

Ans:B

**57.Degumming is done on**

A.Cotton

B.Silk\*

C.Linen

D.Jute

Ans:B

**58.--------are used to link the shapes to the main stencil,while cutting a perfect** **circle or a complete outline on a stencil**

A.Notches

B.Ties\*

C.Cords

D.Clips

Ans:B

**59.To increase the washing fastness of cotton dyed with direct dyes it is after** **treated with**

A.Copper salts

B.Basic dyes

C.Formaldehyde\*

D.Sodium hydroxide

Ans:C

**60.Knowles balance is used to determine**

A.Strength of yarn

B.Length of fibre

C.Count of yarn\*

D.Drape of fabric

Ans:C

**61.The function of the crank in the crank shaft of the loom is to perform**

A.Shedding

B.Take-up

C.Picking

D.Beating-up\*

Ans:D

**62.The picking tappet of a power loom is fixed on**

A.Crank shaft

B.Counter shaft

C.Slay

D.Bottom shaft\*

Ans:D

**63.For a straight draft lifting plan will be same as**

A.Draft

B.Denting plan

C.Treadling plan

D.Design\*

Ans:D

**64.Cotton dyed with direct dyes are topped with basic dyes to improve the**

A.Washing fastness

B.Light fastness

C.Brilliancy of the shades\*

D.Rubbing fastness

Ans:C

**65.---------dye is called as ice colours.**

A.Azoic\*

B.Vat

C.Sulphur

D.Acid

Ans:A

**66.For the application of basic dyes on cotton this process is essential**

A.Mordanting\*

B.Acetylating

C.Coupling

D.Vatting

Ans:A

**67.Profilm method is one of the method used to develop------for printing**

A.Blocks

B.Screens\*

C.Fabric

D.Pigments

Ans:B

**68.The function of doctor blade in roller printing is to**

A.Give pressure to the roller

B.Scrap of excess colour paste from the roller\*

C.Give pressure to the cloth

D.Steaming the roller

Ans:B

**69.The least size of ordinary honey comb weave is on ------threads**

A.4

B.3

C.8

D.6\*

Ans:D

**70.The class of dyes which are formed from to components usually referred to** **as naphthols and bases**

A.Dispersed dyes

B.Sulphur dyes

C.Azoic dyes\*

D.Reactive dyes

Ans:C

**71.An example for a water insoluble dye is -----dyes**

A.Vat\*

B.Acid

C.Reactive

D.Basic

Ans:A

**72.The function of common salt in the dye bath of direct dyes on cotton is**

A.As an exhausting agent\*

B.As a retarding agent

C.As a solvent

D.As a softening agent

Ans:A

**73.Cork screw weaves are produced by rearranging threads of a regular---weave**

A.Twill\*

B.Mat

C.Rib

D.Honey comb

Ans:A

**74.The treatment that follows printing are termed**

A.Successor process

B.After treatment\*

C.Discharging

D.Crimping

Ans:B

**75.The transverse group of threads running from one selvedge to the other in a** **cloth is termed**

A.Pile

B.Weft\*

C.Warp

D.End

Ans:B

**76.An example for a bast fiber is**

A.Wool

B.Linen\*

C.Cotton

D.Silk

Ans:B

**77.The coarsest yarn given is**

A.30s

B.20s

C.80s

D.16s\*

Ans:D

**78.Flyer is employed in------machine**

A.Drawing

B.Jigger

C.Carding

D.Simplex\*

Ans:D

**79.This is the process of twisting together two or more silk filaments into a** **single yarn**

A.Reeling

B.Sericulture

C.Churning

D.Throwing\*

Ans:D

**80.Reactive dyes containing two chlorine atoms in the chlorotriazine ring are** **termed as------reactive dyes**

A.Cold brand\*

B.Natural brand

C.Hot brand

D.Premium brand

Ans:A

**81.Clip stenter is a --------machine**

A.Dyeing

B.Printing

C.Sizing

D.Finishing\*

Ans:D

**82.The main constituent of wool fibre is**

A.Keratin\*

B.Cellulose

C.Glucose

D.Lignin

Ans:A

**83.------is used as a mordant for dyeing cotton with basic dyes**

A.Tanic acid\*

B.Acetic acid

C.NaOH

D.Sodium carbonate

Ans:A

**84.The staple length of cotton fiber will be in the range of------inches**

A.15-20

B.0.4-2.5\*

C.7-12

D.4-6

Ans:B

**85.This is a yarn producing machine**

A.Loom

B.Ring frame\*

C.Jigger

D.Reel

Ans:B

**86.The botanical name of cotton plant is**A.Oriza setiva

B.Maymsopudica

C.Asephetoda

D.Gossypium\*

Ans:D

**87.Acid dyes are mainly applied on**

A.Cotton

B.Linen

C.Wool\*
D.Linen

Ans:C

**88.Cotton dyed with sulphur black are tendered because of the presence of------on dyed goods**

A.Chlorine

B.Bromine

C.Free sulphur\*

D.Free nitrogen

Ans:C

**89.A 5% shade means**

A.5 g dye dissolved 100 ml water

B.5 g dye in 5 g material

C.5 g dye in 100 g material\*

D.5 g dye in 1000 g material

Ans:C

**90.---------is one of the secondary motions of the loom**

A.Shedding

B.Picking

C.Weft fork

D.Left-off\*

Ans:D

**91.The total volume of liquor to be used for dyeing 25 kg of material with an M:L ratio of 1:20 is----**

A.500 liters\*

B.250 liters

C.50 liters

D.1000 liters

Ans:A

**92.Loom speed is 300 rpm then the picks/minute is-------**

A.150

B.300\*

C.600

D.450

Ans:B

**93.Gum Arabic used as a----in the printing paste**

A.Wetting agent

B.Thickener\*

C.Softener

D.Catalyst

Ans:B

**94.Commercial sodium hypochlorite solution generally contain----%of available** **chlorine.**

A.5-7

B.2-4

C.20-24

D.15-18\*

Ans:D

**95.----------is an after treatment for printed cloth**

A.Texturising

B.Steaming\*

C.Scouring

D.Sizing

Ans:B

**96.An example for a natural protein fiber is**

A.Cotton

B.Nylon

C.Silk\*

D.Linen

Ans:C

**97.The lea tester is used to determine-----of yarn**

A.Evenness

B.TPI

C.Strength\*

D.Hairiness

Ans:C

**98.The pH of peroxide bleaching is**

A.13-15

B.3-5

C.6-7

D.8-10\*

Ans:D

**99.Anti-shrink finish is given by**

A.Embossing

B.Winch

C.Sanforizing\*

D.Drapping

Ans:C

**100.20 kg of cloth has to be dyed with 2% shade the amount of dye stuff to** **be taken is**

A.400g\*

B.40g

C.4kg

D.2kg

Ans:A