

FINAL ANSWER KEY

Question Paper Code:	1/2016/OL
Category Code:	129/2014
Exam:	Lab Technical Assistant
Medium of Question:	English
Date of Test	04-01-2016
Alphacode	A

Question1:-Which among the following works is not written by Brahmananda Sivayogi?

- A:-Moksha Pradeepam
- B:-Ananda Sutram
- C:-Anandadarsam
- D:-Ananda Madam

Correct Answer:- Option-D

Question2:-The Newspaper 'Swadesabhimani' was founded by

- A:-Vakkam Abdul Khader Moulavi
- B:-K.P. Kesava Menon
- C:-Swadesabhimani Ramakrishna Pillai
- D:-Kesari Balakrishna Pillai

Correct Answer:- Option-A

Question3:-The father of Renaissance in Kerala

- A:-Vagbhatananda
- B:-V.T. Bhattathirippad
- C:-Sree Narayana Guru
- D:-Ayyankali

Correct Answer:- Option-C

Question4:-'Sadhujana Paripalana Sangham' is the old name of

- A:-Pulaya Mahajana Sabha
- B:-Brahmasamajam
- C:-Arya Samajam
- D:-Adivasi Maha Sabha

Correct Answer:- Option-A

Question5:-The first Indian Feature Film is

- A:-Alam Aara
- B:-Pundalic
- C:-Raja Harischandra
- D:-Adi Sankara

Correct Answer:- Option-B

Question6:-Which Central Police Force is known as Black cats?

- A:-Home Guards
- B:-Special Protection Group
- C:-Rapid Action Force
- D:-National Security Guards

Correct Answer:- Option-D

Question7:-'Keraleeya Mahakavi' was a title awarded to _____ by the Prince of Wales in 1922.

- A:-Ulloor S. Parameswara Iyer
- B:-Kumaranasan
- C:-Changampuzha Krishna Pillai
- D:-Vallathol Narayana Menon

Correct Answer:- Option-B

Question8:-Channar Mutiny took place in

- A:-Malabar
- B:-Kochi
- C:-Travancore
- D:-Thiru-Kochi

Correct Answer:- Option-C

Question9:-The study of dreams is known as

- A:-Ornithology

- B:-Oncology
- C:-Oneirology
- D:-Hypnology

Correct Answer:- Option-C

Question10:-Himalayan Mountains fall under the category

- A:-Fold mountains
- B:-Block mountains
- C:-Relict mountains
- D:-Residual mountains

Correct Answer:- Option-A

Question11:-Mahatma Gandhi National Rural Employment Guarantee Scheme was envisaged in

- A:-10th five year plan
- B:-11th five year plan
- C:-12th five year plan
- D:-9th five year plan

Correct Answer:- Option-B

Question12:-Which Tennis Tournament is related to the term 'Flushing Meadows'?

- A:-Wimbledon
- B:-French open
- C:-Australian open
- D:-U.S. open

Correct Answer:- Option-D

Question13:-The first Biosphere Reserve in India

- A:-Agasthya Mala
- B:-Panna
- C:-Nokrek
- D:-Nilgiri

Correct Answer:- Option-D

Question14:-Tebhaga Struggle (1946) is related to

- A:-Agriculture
- B:-Freedom Movement
- C:-Caste system
- D:-Division of India

Correct Answer:- Option-A

Question15:-Who is the owner of the mobile message service, Whatsapp?

- A:-Google
- B:-Microsoft
- C:-Facebook
- D:-Apple

Correct Answer:- Option-C

Question16:-'Manushyanu Oru Aamukham' is a book by

- A:-Amish
- B:-Subhash Chandran
- C:-K.R. Meera
- D:-Benjamin

Correct Answer:- Option-B

Question17:-R.D. Karve is the father of Indian

- A:-family planning
- B:-ornithology
- C:-cooperative movement
- D:-planning commissions

Correct Answer:- Option-A

Question18:-Who stopped writing in protest of violation of Literary freedom by religious organisations?

- A:-Kanimozhi
- B:-Sara Joseph
- C:-Sachidanandan
- D:-Perumal Murugan

Correct Answer:- Option-D

Question19:-'Manikarnika' was the original name of

- A:-Kannaki
- B:-Phulan Devi
- C:-Jhansi Ki Rani Lakshmi Bai
- D:-Unniyarcha

Correct Answer:- Option-C

Question20:-The two rivers interlinked formally in Andhra Pradesh recently

- A:-Mahanadi and Krishna
- B:-Godavari and Krishna
- C:-Kaveri and Krishna
- D:-Bhadra and Krishna

Correct Answer:- Option-B

Question21:-Queen of textiles

- A:-Kanchipuram Sarees
- B:-Silk
- C:-Cocoon
- D:-Cotton

Correct Answer:- Option-B

Question22:-Name the proteins by which silk is made of

- A:-Albumin
- B:-Globulin
- C:-Sericine
- D:-Fibroin

Correct Answer:- Option-D

Question23:-In tropical region the best orientation of long axis of silkworm rearing house is

- A:-East west
- B:-North east and South west
- C:-North South
- D:-North west and South east

Correct Answer:- Option-C

Question24:-Which rearing equipment is not used at the time of spinning of silkworm larvae?

- A:-Feeding stand
- B:-Netrika
- C:-Chandrika
- D:-Rotary mountage

Correct Answer:- Option-A

Question25:-Viral disease of silkworm is

- A:-Tukra
- B:-Grasserie
- C:-Muscardine
- D:-Pebrine

Correct Answer:- Option-B

Question26:-Which is not a part of silkworm egg?

- A:-Chorion
- B:-Yolk
- C:-Filippi's gland
- D:-Veitelline membrane

Correct Answer:- Option-C

Question27:-The process of shedding down of exoskeleton in silkworm is called

- A:-Moulting
- B:-Mounting
- C:-Mulching
- D:-Brushing

Correct Answer:- Option-A

Question28:-Ahimsa silk is naturally obtained from

- A:-Tasar silk
- B:-Mulberry silk
- C:-Muga silk
- D:-Eri silk

Correct Answer:- Option-D

Question29:-Which district the silkworm eggs are produced in Kerala?

- A:-Kasargod
- B:-Palakkad
- C:-Kannur
- D:-Wayanad

Correct Answer:- Option-B

Question30:-Mother moth examination is conducted for the detection of which disease

- A:-Pebrine
- B:-Grasserie
- C:-Flacherie
- D:-Muscardine

Correct Answer:- Option-A

Question31:-'Voltinism' is referred on the basis of

- A:-Geographical distribution
- B:-Number of larval moulting
- C:-Number of generation per year
- D:-None of these

Correct Answer:- Option-C

Question32:-During silk test which test is done to evaluate the evenness, cleanness and neatness defects of raw silk?

- A:-Size test
- B:-Cohesion test
- C:-Tenacity and elongation test
- D:-Seriplane test

Correct Answer:- Option-D

Question33:-Ram Nagar is the famous cocoon market in Asia. Where is its located?

- A:-Tamil Nadu
- B:-West Bengal
- C:-Karnataka
- D:-Assam

Correct Answer:- Option-C

Question34:-'Indian Silk' is the complete sericulture and silk industry journal of India, published since 1962. It is published by

- A:-SERIFED
- B:-NSP
- C:-CSR and TI
- D:-CSB

Correct Answer:- Option-D

Question35:-Example for a phosphate solubilizing microbial bio-fertilizer

- A:-Seriphose
- B:-Seriboost
- C:-Ankush
- D:-Single superphosphate

Correct Answer:- Option-A

Question36:-Serious pest of mulberry plant is

- A:-Tukra
- B:-Bihar hairy caterpillar
- C:-Uzifly
- D:-Dermistid beetle

Correct Answer:- Option-B

Question37:-Bombyx mori complete their life cycle within

- A:-60-65 days
- B:-3 weeks
- C:-90 days
- D:-30-35 days

Correct Answer:- Option-A

Question38:-Cocoon weight of "CSR_2" races of silkworm is ranging from

- A:-3.3-3.5 g
- B:-1.3-1.5 g
- C:-2.5-2.9 g
- D:-1.8-1.9 g

Correct Answer:- Option-D

Question39:-Bacterial disease of mulberry plant

- A:-Leaf rust
- B:-Leaf spot
- C:-Powdery mildew
- D:-Root rot

Correct Answer:- Option-B

Question40:-'Sampoorna' is used for

- A:-To trap and kill uziflies
- B:-Bed disinfectant to prevent silkworm diseases
- C:-Uniform maturation of silkworms
- D:-Micro nutritional foliary spray for mulberry

Correct Answer:- Option-C

Question41:-Example for room disinfectant used in rearing house

- A:-Ankush
- B:-Bleaching powder
- C:-Vijetha power
- D:-RKO power

Correct Answer:- Option-B

Question42:-Raw silk percentage of CSR races ranges from

- A:-23-25
- B:-26-29
- C:-Above 60%
- D:-18-20

Correct Answer:- Option-C

Question43:-Central Silk Board is the central authority to deal with sericulture activities in India. Where is its headquarters located?

- A:-Bangalore
- B:-Mysore
- C:-New Delhi
- D:-Chennai

Correct Answer:- Option-A

Question44:-Mulberry belongs to the family

- A:-Malvaceae
- B:-Apcoynaceae
- C:-Rubiaceae
- D:-Moraceae

Correct Answer:- Option-D

Question45:-Food plant of Muga Silkworm is

- A:-Mulberry
- B:-Som and Soalu
- C:-Castor
- D:-Asan and Arjun

Correct Answer:- Option-B

Question46:-Study of mulberry cultivation

- A:-Sericulture
- B:-Pisciculture
- C:-Apiculture
- D:-Moriculture

Correct Answer:- Option-D

Question47:-Scientific name of mulberry silkworm

- A:-Bombyx Mori
- B:-Antheraea Mylitta
- C:-Philosamia Ricini
- D:-Antheraea Assamensis

Correct Answer:- Option-A

Question48:-Use of silk was discovered by

- A:-India
- B:-Brazil

C:-China

D:-Sri Lanka

Correct Answer:- Option-C

Question49:-The protozoan diseases of silkworm

A:-Muscardine

B:-Pebrine

C:-Grasserie

D:-Flacherie

Correct Answer:- Option-B

Question50:-The number of kilograms of cocoons required to obtain 1 kg reeled silk is called

A:-Shell ratio

B:-Kakame cost

C:-Denier

D:-Renditta

Correct Answer:- Option-D

Question51:-Example for high yielding mulberry variety for Rainfed condition

A:-VI

B:-`"S_{54}"`

C:-`"S_{13}"`

D:-`"S_{36}"`

Correct Answer:- Option-C

Question52:-In South India mulberry propagation is mainly through which method?

A:-Budding

B:-Cuttings

C:-Grafting

D:-Layering

Correct Answer:- Option-B

Question53:-Diploid chromosome number of mulberry plant

A:-28

B:-24

C:-54

D:-56

Correct Answer:- Option-A

Question54:-Rearing of silkworm for obtaining silk is called

A:-Sericulture

B:-Silviculture

C:-Moriculture

D:-Apiculture

Correct Answer:- Option-A

Question55:-Silk obtained from

A:-Pupa

B:-Larva

C:-Cocoon

D:-Moth

Correct Answer:- Option-C

Question56:-Which is not a silkworm seed?

A:-`"BL_{23}"`

B:-`"BL_{24}"`

C:-`"NB_4 D_2"`

D:-`"S_{34}"`

Correct Answer:- Option-D

Question57:-Fertilizer recommendation for irrigated mulberry cultivation

A:-140:55:275

B:-225:75:75

C:-300:120:120

D:-400:200:400

Correct Answer:- Option-C

Question58:-'SERIBOOST' is used for

A:-Enhancing mulberry leaf foliage

- B:-Room disinfectant
 - C:-Bed disinfectant
 - D:-Silk enhancing hormone
- Correct Answer:- Option-A

Question59:-Industrial Seed of Silkworm (DFLs) are produced in

- A:-Hatcheries
- B:-Breeding station
- C:-Breeding centers
- D:-Grainage

Correct Answer:- Option-D

Question60:-Which among the following is an animal fiber?

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

Correct Answer:- Option-B

Question61:-Given below is a sequence of steps in the processing of reeling. Which are the missing steps. Stifling _____ reeling _____?

- A:-Cooking, re-reeling
- B:-Lacing, cooking
- C:-Sorting, brushing
- D:-Lacing, skeining

Correct Answer:- Option-A

Question62:-What is mean by CSR and TI?

- A:-Central Silk Research and Training Institute
- B:-Central Sericulture Research and Training Institute
- C:-Central Silkworm Research and Training Institute
- D:-Central Sericultural Research and Training Institute

Correct Answer:- Option-D

Question63:-Scientific and commercial method of bee keeping for production of honey and wax is called

- A:-Sericulture
- B:-Apiculture
- C:-Moriculture
- D:-Silviculture

Correct Answer:- Option-B

Question64:-Agronomic research station situated at

- A:-Vazhakkulam
- B:-Vytila
- C:-Chalakkudy
- D:-Anakkayam

Correct Answer:- Option-C

Question65:-Which is not a variety of silk?

- A:-Eri
- B:-Ruby
- C:-Muga
- D:-Tasar

Correct Answer:- Option-B

Question66:-A vertical section of the soil from surface to the bedrock showing the various layers is termed as

- A:-Soil texture
- B:-Soil structure
- C:-Pore space
- D:-Soil profile

Correct Answer:- Option-D

Question67:-In India the purity of silk ensures through the trade mark

- A:-ISI mark
- B:-Agmark
- C:-Silk mark
- D:-Seri mark

Correct Answer:- Option-C

Question68:-The unit used to measure the thickness of silk filament

- A:-Denier
- B:-Renditta
- C:-Micron
- D:-MM

Correct Answer:- Option-A

Question69:-Name any one straight fertilizer that may be applied to mulberry for supply of nitrogen

- A:-Pottash
- B:-Single super phosphate
- C:-Urea
- D:-Ammonium phosphate

Correct Answer:- Option-C

Question70:-Which is not a silkworm disease?

- A:-Grasserie
- B:-Powdery mildew
- C:-Flacherie
- D:-Muscardine

Correct Answer:- Option-B

Question71:-Accurate temperature and humidity should be maintained in the rearing room for proper development of silkworm larvae. Name the equipment used for measuring temperature and humidity.

- A:-Hydrometer
- B:-Lactometer
- C:-Thermometer
- D:-Hygrometer

Correct Answer:- Option-D

Question72:-Which machine you may prefer for reeling low quality cocoon and double cocoon?

- A:-Charkha
- B:-Cottage basin
- C:-Multi end reeling machine
- D:-Automatic reeling machine

Correct Answer:- Option-A

Question73:-Pepper like black spots appearing the surface infected silkworm is the symptom of which diseases

- A:-Grasserie
- B:-Muscardine
- C:-Pebrine
- D:-Gattine

Correct Answer:- Option-C

Question74:-Process of unwinding of silk filament from the cocoon with the help of reeling machine is called

- A:-Reeling
- B:-Skeining
- C:-Stifling
- D:-Riddling

Correct Answer:- Option-A

Question75:-Dupion silk obtained from

- A:-Calcified cocoon
- B:-Good cocoon
- C:-Pre-mature cocoon
- D:-Double cocoon

Correct Answer:- Option-D

Question76:-Fungal disease of Bombyx Mori

- A:-Pebrine
- B:-Muscardine
- C:-Grasserie
- D:-Flacherie

Correct Answer:- Option-B

Question77:-Foundation stock seeds of silkworm eggs produced in which station?

- A:-P1 station
- B:-P4 station
- C:-P2 station

D:-P3 station

Correct Answer:- Option-C

Question78:-Silkworm are font of which light

A:-dim light

B:-darkness

C:-strong light

D:-strong light by dim light

Correct Answer:- Option-A

Question79:-Causative organism of bacterial leaf spot disease of mulberry plant

A:-Peridospora mori

B:-Pseudomonas mori

C:-Phyllactinia corylea

D:-Fusarium solani

Correct Answer:- Option-B

Question80:-`"CSR_2"*`"CSR_4"` is a hybrid variety of silkworm. The colour of cocoon is

A:-White

B:-Pink

C:-Green

D:-Yellow

Correct Answer:- Option-A

Question81:-A local variety of mulberry plant which is low yielding but needs less fertilizer and irrigation

A:-Victory-1

B:-`"S_{36}"`

C:-Mysore local

D:-Viswa

Correct Answer:- Option-C

Question82:-Diploid chromosome number of Bombyx Mori

A:-56

B:-54

C:-28

D:-24

Correct Answer:- Option-A

Question83:-Causative organism of Flacherie disease of Bombyx mori

A:-Aspergillus

B:-Nuclear polyhedrosis

C:-Beaveria Bassiana

D:-Bacillus bombycis

Correct Answer:- Option-D

Question84:-Leaf blight disease of mulberry caused by

A:-Virus

B:-Bacteria

C:-Fungus

D:-Nematode

Correct Answer:- Option-B

Question85:-Powdery mildew disease of mulberry plant is caused by

A:-Phyllactina corylea

B:-Cercospora moricola

C:-Mealybug

D:-Meloidoyne Incognita

Correct Answer:- Option-A

Question86:-Best suitable soil `P^H` for mulberry cultivation is ranging from

A:-8-9.5

B:-9.3-9.8

C:-6.2-6.8

D:-4.7-5.3

Correct Answer:- Option-C

Question87:-The Threader used in Charkha reeling machine is called

A:-Croissure

B:-Tharppati

C:-Jettebout
D:-Porcelain button
Correct Answer:- Option-B

Question88:-Branch of agricultural science dealing with the principles and practices of field crop

A:-Horticulture
B:-Soil science
C:-Agricultural entomology
D:-Agronomy
Correct Answer:- Option-D

Question89:-Acid treatment is used to break the diapauses of silkworm eggs. Which acid is used for acid treatment?

A:-Sulfuric acid
B:-Acetic acid
C:-Formic acid
D:-HCL
Correct Answer:- Option-D

Question90:-Largest silk producers in the world

A:-Brazil
B:-India
C:-China
D:-Korea
Correct Answer:- Option-C

Question91:-During silkworm egg production the parents of commercial layings are produced in which station

A:-P1 station
B:-P2 station
C:-P3 station
D:-P4 station
Correct Answer:- Option-A

Question92:-In a grainage the equipment used at time of oviposition

A:-Acid treatment batch
B:-Cellule
C:-Chopstick
D:-Rotary moutage
Correct Answer:- Option-B

Question93:-Which statement is correct for the identification of male larvae from the female?

A:-Presence of ishiwatas gland in male
B:-Presence of herolds gland in male
C:-Presence of "X" marking in male
D:-Large size head in male
Correct Answer:- Option-B

Question94:-Which state is the major producers of silk textiles in India?

A:-Karnataka
B:-Tamilnadu
C:-Assam
D:-West Bengal
Correct Answer:- Option-A

Question95:-For rainfed mulberry cultivation plant spacing 90 cm × 90 cm, calculate number of mulberry plans required for 1 hector area

A:-4938
B:-9876
C:-1234
D:-12345
Correct Answer:- Option-D

Question96:-If fertilizer recommendation is 300 : 120 : 120, calculate the amount of urea required for 1 hector mulberry garden

A:-1500 kg
B:-500 kg
C:-652 kg
D:-260 kg
Correct Answer:- Option-C

Question97:-Number of cocoons in 1 kg is 560

Pierced cocoon - 5, double cocoons - 15, flimsy cocoons - 8, malformed cocoons - 4

Calculate the cocoon percentage

A:-5.7%

B:-90.4%

C:-85%

D:-94.3%

Correct Answer:- Option-D

Question98:-Pollination in mulberry is

A:-Hydrophily

B:-Anemophily

C:-Zoophily

D:-Entomophily

Correct Answer:- Option-B

Question99:-_____ is a commonly used root hormone for propagating mulberry plant.

A:-Ethylene

B:-Gibberellins

C:-IAA

D:-Abscisic acid

Correct Answer:- Option-C

Question100:-Calculate the amount of MOP (K = 60%) for 1 hectare rainfed mulberry garden. If the fertilizer recommendation is 120 : 60 : 60 kg NPK/ha

A:-100 kg

B:-200 kg

C:-652 kg

D:-300 kg

Correct Answer:- Option-A