VOCATIONAL INSTRUCTOR IN AGRICULTURE

EXAM DATE:16-06-2015

**1.The nutrient that gives tolerance to plants against drought,pest and diseases:**

A.Nitrogen

**B.Pottasium**

C.Magnesium

D.Sulphur

Ans:B

**2.Oil cakes are:**

A.Bulky organic manure

**B.Concentrated organic manure**

C.Straight fertilizer

D.Complex fertilizer

Ans:B

**3.1 hectare is:**

**A.10,000 sq.m**

B.4,000 sq.m

C.250 sq.m

D.40 sq.m

Ans:A

**4.The class of seed given to farmer:**

A.Breeder seed

B.Foundation seed

C.Registered seed

**D.Certified seed**

Ans:D

**5.Which of the following is a secondary tillage implement?**

A.MB plough

**B.Harrows**

C.Wooden Plough

D.Chisel Plough

Ans:B

**6.Ludwigia is a weed,which is:**

A.Aquatic

B.Upland

**C.Semi aquatic**

**D.Dicot**

Ans:C & D

**7.The surface irrigation method giving 35 to 50 percent irrigation efficiency is:**

A.Sprinkler irrigation

**B.Drip irrigation**

C.Flood irrigation

D.Furrow irrigation

Ans:B

**8.The disease of rice seen from nursery to harvest:**

A.Sheath blight

**B.Blast**

C.Sheath rot

D.Bacterial leaf blight

Ans:B

**9.Dicofol is generally used to control a Coconut pest.Which of the following is that pest?**

A.Rhinoceros beetle

B.Red Palm weevil

C.Coconut caterpillar

**D.Eryophid mite**

Ans:D

**10.A dual purpose variety of banana:**

A.Chenkadali

B.Monthan

**C.Nendran**

D.Njalipoovan

Ans:C

**11.Bunchy top of banana is transmitted by:**

**A.Aphid**

B.White fly

C.Fruit fly

D.Virus

Ans:A

**12.The vegetable which is best grown in summer months:**

A.Coleus

B.Brinjal  
C.Bitter gourd

D.Bhindi

Ans:-------

**13.Which of the following is propagated by root cuttings?**

A.Rose

B.Begonia

C.Amaranthus

**D.Curry leaves**

Ans:D

**14.Air layering is widely practiced in:**

**A.Guava**

B.Jack

C.Mango

D.Rubber

Ans:A

**15.Alternathera and Duranta come under:**

A.Climbers

B.Hedges

C.Shrubs

**D.Edges**

Ans:D

**16.Which of the following is a non insect pest?**

A.Beetle

**B.Mite**

C.Bug

D.Fly

Ans:B

**17.A biocontrol agent that controls soil borne pathogens is:**

A.Trichogramma

**B.Trichoderma**

C.Azotobactor

D.Azospirillum

Ans:B

**18.Phytosanitary certificate is associated with:**

A.Cultural control of plant pests and diseases

B.Biological control of plant pests and diseases

**C.Legal control of plant pests and diseases**

D.Physical control of plant pests and diseases

Ans:C

19.Which of the following insecticide formulation is used against pest control in go-downs:

A.Dusta

B.Granules

C.EC

**D.Fumigants**

Ans:D

**20.The LD-50 value of Extremely toxic insecticide varies from (Mg/Kg):**

**A.1-50**

B.51-500

C.501-5000

D.>5000

Ans:A

**21.An organophisphorous fungicide:**

A.Zineb

B.Mancozeb

C.Carbendazim

**D.Ediphenphos**

Ans:D

**22.A farmer is having 2 hect.of coconut trees in his house hold.For spraying plant protection chemicals,which of the following sprayers can he opt?**

A.Atomizer

B.Knapsack sprayer

**C.Rocker sprayer**

D.None of the above

Ans:C

**23.Which of the following cropping system guarantees maximum production per unit area?**

A.Multi tier cropping

B.Sequential cropping

C.Relay cropping

**D.Mixed cropping**

Ans:D  
**24.Moisture content of paddy grains for safe storage**

**A.14%**

B.18%

C.10%

D.16%

Ans:A

**25.The best post-harvest technology adopted for fruits with high pectin content is making**

A.Jam

B.Squash

**C.Jelly**

D.Pickle

Ans:C

**26.’Malabari’is a breed of:**

A.Cow

B.Poultry

**C.Goat**

D.Pig

Ans:C

**27.An extension method used for popularizing an improved variety of a crop is:**

A.Mass contact

B.Participatory rural appraisal

C.Method demonstration

**D.Result demonstration**

Ans:D

**28.The honeybee species that cannot be kept in hives**

A.Apis cerana indica

**B.Apis dorsata**

C.Apis mellifera

D.Trigona iridipennis

Ans:B

**29.’Grasserie’of silkworm is caused by:**

A.Protozoa

B.Bacteria

C.Fungus

**D.Virus**

Ans:D

**30.The medicinal plant used against cancer:**

A.Brahmi

B.Sarpagandhi

**C.Asparagus**

D.Kacholam

Ans:C

**31.’Ananthan’ is a variety of:**

A.Honey bee

B.Anthurium

**C.Mushroom**

D.Orchid

Ans:C

**32.Cashew Research Station(CRS)is situated at:**

A.Kasaragod

**B.Thrissur**

C.Kozhikode

D.Kollam

Ans:B

**33.Which of the following is a pulse crop?**

A.Black mustard

**B.Green gram**

C.Ground nut

D.Lady’s finger

Ans:B

**34.Tea and orange are examples of:**

A.Temperate plants

B.Tropical plants

**C.Sub –tropical plants**

D.None of the above

Ans:C

**35.The major share of rainfall in Kerala is from:**

**A.South-West Monsoon**

B.North-East Monsoon

C.Summer rains

D.North-West Monsoon

Ans:A

**36.The layers of soil is termed as:**

**A.Soil horizon**

B.Soil profile

C.Soil regolith

D.Soil solum

Ans:A

**37.The type of water erosion which cannot be corrected.**

A.Splash erosion

B.Sheet erosion

C.Rill erosion

**D.Gully erosion**

Ans:D

**38.’Flame cultivation’ is associated with:**

**A.Weeds**

B.Insects

C.Diseases

D.Non-insects pests

Ans:A

**39.The biological control of African Payal is usually done with a Weevil.Name it**

A.Neochetina

**B.Cyrtobagus**

C.Agromyza

D.Zygogramma

Ans:B

**40.Which of the following is a hybrid variety of coconut?**

**A.Laksha gaga**

B.Chandra kalpa

C.Kerachandra

D.WCT

Ans:A

**41.Agrostology is the study of:**

A.Fruits

B.Trees

**C.Grasses**

D.Soil

Ans:C

**42.HSR is connected with:**

A.Soil conservation

**B.Spices**

C.Live stock

D.Tuber crops

Ans:B

**43.Dendrobium is a species of:**

A.Anthurium

B.Rose

C.Jasmine

**D.Orchid**

Ans:D

**44.Intensity of sunlight is measured by:**

A.Sunshine recorder

**B.Luxmeter**

C.Hygrograph

D.Wet bulb thermometer

Ans:B

**45.The best soil structure for plant growth:**

**A.Crumb**

B.Platy

C.Blocky

D.Columnar

Ans:A

**46.The reclamation of a soil with pH 8 to 9 is best with:**

A.Lime

**B.Gypsum**

C.Silica

D.Iron

Ans:B

**47.Chittur area is associated with:**

A.Forest loams

B.Laterite soils

C.Kari soils

**D.Black cotton soils**

Ans:D

**48.Pick the odd-man out:**

**A.Sheet erosion**

B.Saltation

C.Surface creep  
D.Suspension

Ans:A

**49.Sub-soiling is a method of soil conservation it is:**

A.Agronomic method

**B.Mechanical method**

C.Cultural method

D.Protective method

Ans:B

**50.Which of the following is a Macronutrient for plants?**

A.Iron

B.Zinc

**C.Magnesium**

D.Manganese

Ans:C

**51.Both the stock and scion are rooted in:**

A.Bud grafting

B.Cleft grafting

**C.Approach grafting**

D.Whip grafting

Ans:C

**52.Apical cell theory was proposed by:**

A.Bernstein

B.Hanstein

**C.Nageli**

D.Schmidt

Ans:C

**53.A anomalous secondary thickening is found in the stem of:**

A.Vernonia

**B.Boerhaavia**

C.Tinospora

D.Thithonia

Ans:B

**54.The characteristic inflorescence of the family Asteraceae is a :**

A.Cyathium

B.Cyme

C.Veticillaster

**D.Capitulum**

Ans:D

**55.Solanaceae comes under the order:**

A.Rosales

B.Parietals

**C.Polemoniales**

D.Passiflorales

Ans:C

**56.Periderm tissue was derived from:**

A.Bark

**B.Phellogen**

C.Lenticels

D.Phelloderm

Ans:B

**57.World Environment day:**

**A.June 5**

B.July 20

C.March 30

D.May 10

Ans:A

**58.Corbett National Park is in:**

A.Karnataka

B.Orissa

C.Gujarat

D.UP

Ans:--

**59.Minmata Disease is associated with**

**A.Mercury**

B.Lead

C.Cadmium

D.Arsenic

Ans:A

**60.In which algae cap cells are found:**

**A.Oedogonium**

B.Volvox

C.Ulothrix

D.Chara

Ans:A

**61.Precursor of phytohormone auxin is:**

A.Lysine

B.Methionine

**C.Tryptophan**

D.Argenine

Ans:C

**62.Yeast are included in:**

A.Basidiomycetes

**B.Ascomycetes**

C.Deutromycetes

D.None of the above  
Ans:B

**63.Pencilin was discovered by:**

**A.Alexander Fleming**

B.Robert Hook

C.A.F.Blakeslee

D.F.W.Went

Ans:A

**64.Tikka disease is caused by:**

A.Puccinia

B.Phytophthora

C.E Coli

**D.Cercospora**

Ans:D

**65.The primary target of HIV is:**

A.RBC

B.Thrombocytes

**C.T4 Lymphocytes**

D.None of these

Ans:C

**66.Pteridophytes are also known as:**

**A.Vascular Cryptogams**

B.Phanerogams

C.Gymnosperms

D.None of these

Ans:A

**67.Six kingdom classification was put forward by:**

A.Zimmermann

B.Whittaker

**C.Carl Woese**

D.Engler

Ans:C

**68.The term Heterosis was introduced by:**

**A.George Shull**

B.P.B.Sumner

C.Mc Dougall

D.Charles Darwin

Ans:A

**69.Bacterial cell wall is composed of:**

A.Lignin

B.Suberin

**C.Peptidoglycan**

D.Cellulose

Ans:C

**70.Common name of Piper longum is**

A.Turmeric

**B.Thippali**

C.Clove

D.Pepper

Ans:B

**71.The era in geological time –scale during which dinosaurs existed**

A.Arcaeozoic

**B.Mesozoic**

C.Cainzoic

D.Paleozoic

Ans:B

**72.The theory of evolution by natural selection was put forward by Charles Darwin and :**

A.Devries

B.August Weissman

**C.Alfred Russel Wallace**

D.Gregor Mendel

Ans:C

**73.The appearance of ancestral characters as abnormal characters in the course of evolution is**

A.Differential reproduction

B.Introduction

C.Analogy

**D.Atavism**

Ans:D

**74.Which of the following is not a cause of evolution?**

**A.Inbreeding**

B.Variation

C.Mutation

D.Hybridisation

Ans:A

**75.An auxin used in plant tissue culture.**

**A.Kinetin**

B.Creatine

C.BAP

D.IAA

Ans:A

**76.Among the following the plant grown for its beautiful foliage is:**

A.Cosmos

**B.Croton**

C.Aster

D.Salvia

Ans:B

**77.An equipment for sterilization:**

A.Centrifuge

B.Calorimeter

C.Microtome

**D.Autoclave**

Ans:D

**78.Tuberculate rhizoids are seen in:**

**A.Riccia**

B.Marchantia

C.Funaria

D.None of these

Ans:A

**79.’Clamp connections’are noticed in the genus:**

A.Xylaria

**B.Agaricus**

C.Peziza

D.Penicilium

Ans:B

**80.Vegetative phase of Mushroom is known as:**

A.Basidiospore

B.Basidium

C.Basidiocarp

**D.Mycelium**

Ans:D

**81.Founder of Prathyaksha Raksha Daiva Sabha**

A.Moorkoth Kumaran

B.M.C.Joseph

C.Pampadi John Joseph

**D.Poikayil Sreekumara Devan**

Ans:D

**82.Shri Muhammed Abdul Rahiman was the Chief Editor of:**

A.Vivekodayam

**B.Al-Ameen**

C.Kesari

D.Prabhatham

Ans:B

**83.Which of the following works was not related to Lalithambika Antharjanam?**

A.Agnisakshi

B.Manikyan

C.Gosayi Paranja Kadha

D.Balidweep

Ans:---------

**84.The smallest Mahakavya:**

A.Chithrayogam

B.Umakeralam

**C.Kesaveeyam**

D.Krishnagadha

Ans:C

**85.Central Cabinet Minister for Women and Child Development**

**A.Smt.Manekha Gandhi**

B.Smt.Smriti Irani

C.Shri.Ramvilas Paswan

D.Smt.Sushama Swaraj

Ans:A

**86.Who gave great support to channar revolts(Upper cloth revolts)?**

A.Dr.Palpu

**B.Ayya Vaikundar**

C.Ayyankali

D.Sree Narayana Guru

Ans:B

**87.Freedom of Information Act,2002 applies to all states and Union territories of India EXCEPT:**

A.Delhi

B.Goa

**C.Jammu and Kashmir**

D.Assam

Ans:C

**88.Who was known as Kerala Subash Chandra Bose?**

A.K.Kelappan

**B.Muhammed Abdul Rehman**

C.A.K.Gopalan

D.V.T.Bhattathirippad

Ans:B

**89.In India First Printing Press was commenced at:**

**A.Goa**

B.Surat

C.Kochi

D.Kozhikodu

Ans:A

**90.Who won 3 gold medals for Kerala in swimming events in National Games 2015?**

A.Anjumol Joseph

**B.Sajan Prakash**

C.Ashish Kumar

D.C.P.Rathilal

Ans:B

**91.The fundamental rights of our constitution was borrowed from:**

A.Russian constitution

**B.U.S.Constitution**

C.British constitution

D.Irish Constitution

Ans:B

**92.In 2015,Ezhuthachan Puraskaram was awarded to:**

A.O.N.V Kurupu

B.Benyamin

C.T.Padmanaban

**D.Vishnu Narayanan Nampoothiri**

Ans:D

**93.Who named Sree Narayana Guru as Second Budha?**

**A.G.Sankara Kurupu**

B.Ayyankail

C.Mannathu Padmanaban

D.Sahodaran Ayyappan

Ans:A

**94.Temple Entry Proclamation was on:**

A.1934 Nov.1

B.1926 Nov.12

**C.1936 Nov.12**

D.1930 Nov 1

Ans:C

**95.2014 commonwealth games was held at:**

A.India

**B.Scottland**

C.Japan

D.Brazil

Ans:B

**96.Which one of the new directive principle aimed to protect and improve the environment and to safeguard forests and Wild Life?**

**A.Art 48 A**

B.Art 38

C.Art 43A

D.Art 49 B

Ans:A

**97.Who translated ‘Sakunthalam’to Malayalam?**

A.Kodungallur Kunhikuttan Thampuran

B.Kumaranasan

C.Vallathol Narayana menon

D.Keralavarma Valiya Koyi Thampuran

Ans:------

**98.Constitution Day in India is celebrated every year on:**

A.26th Nov

**B.26th Jan**

C.15th Aug

D.1st Nov

Ans:B

**99.Who among the following awarded Keerthi Chakra award of 2014?**

A.Captain Sandeep Bhartiya

B.Major Gaurov Thakur

C.Major Mandeep Singh

**D.Shri Bhrigu Nandan Choudhary**

Ans:D

**100.’Viswadarsanam’was the work of:**

A.Ponkunnam Varkey

B.Changampuzha

**C.G.Sankara Kurupa**

D.Vaikam Muhammed Basheer

Ans:C