

## PROVISIONAL ANSWER KEY

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| Question Paper Code: | 87/2017/OL                                |
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| Alphacode            | A   |

Question1:-Which of the following leader is not belong to 1921 Malabar Rebellion ?

- A:-Mamburam Thangal
- B:-Seethikoya Thangal
- C:-Ali Musliyar
- D:-Variyankunnath Kunhahamed Haji

Correct Answer:- Option-A

Question2:-Constituent Assembly formed by the provisions of \_\_\_\_\_ plan.

- A:-Mountbatten Plan
- B:-Cabinet Mission Plan
- C:-Vavel Plan
- D:-June `3^(rd)` Plan

Correct Answer:- Option-B

Question3:-Who is the Sports Minister of Kerala State ?

- A:-K.T. Jaleel
- B:-Mercy Kutty Amma
- C:-Thomas Chandy
- D:-A.C. Moideen

Correct Answer:- Option-D

Question4:-Who published 'Hortus Indicus Malabaricus' the encyclopaedia on Indian botany ?

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

Correct Answer:- Option-C

Question5:-Which is the first complete news channel in Malayalam ?

- A:-Asianet
- B:-India Vision
- C:-Mathruboomi News
- D:-Manorama News

Correct Answer:- Option-B

Question6:-Who is the author of Malayalam novel, 'Barsa' ?

- A:-Subash Chandran
- B:-V.K.Prakash
- C:-Dr. Kadeeja Mumthaz
- D:-P. Valsala

Correct Answer:- Option-C

Question7:-Who is the Vice Chancellor of Malayalam University ?

- A:-Dr. K.Radhakrishnan
- B:-Dr. Mohamed Basheer
- C:-Dr. M.N.Karasseri
- D:-Dr.K.Jayakumar

Correct Answer:- Option-D

Question8:-In which district situates the 'Kadampuzha temple' famous for 'Muttarukkal' ?

- A:-Malappuram
- B:-Kozhikode
- C:-Thrissur
- D:-Palakkad

Correct Answer:- Option-A

Question9:-Which is the largest Constitution in the World ?

- A:-Indian
- B:-American
- C:-British
- D:-Netherland

Correct Answer:- Option-A

Question10:-Which is the novel written by Ambikasudan Mangad based on real story of 'Endosulfan' victims of Kasargod district ?

- A:-Maveli Manram
- B:-Om Sangeerthan Pole
- C:-Nattu Gadhika
- D:-Enmakaje

Correct Answer:- Option-D

Question11:-'Kudumbasree' firstly introduced in which district ?

- A:-Malappuram
- B:-Kottayam
- C:-Alappuzha
- D:-Pathanamthitta

Correct Answer:- Option-C

Question12:-Who led the 'Savarnajatha' ?

- A:-A.K. Gopalan
- B:-Mannath Padmanabhan
- C:-T.K. Madhavan
- D:-V.T.Battathirippad

Correct Answer:- Option-B

Question13:-Who is the first President of Travancore State Congress ?

- A:-Pattam Thanu Pillai
- B:-T.M. Varghese
- C:-N.V.Joseph
- D:-P.K.Kunj

Correct Answer:- Option-A

Question14:-Who is the founder of 'Swadeshahimani' daily ?

- A:-K.Ramakrishna Pillar
- B:-Vakkom Abdul Kader Moulavi
- C:-Theruvath Raman
- D:-K.P. Kesava Menon

Correct Answer:- Option-B

Question15:-Who is the author of 'Dhyanasallapangal' ?

- A:-Ayyankali
- B:-Mar Kuriakose Elias Chavara
- C:-Chattampi Swamikal
- D:-Vaikunta Swamikal

Correct Answer:- Option-B

Question16:-Who led the Kurichia Revolt of 1812 ?

- A:-Pazhassi Raja
- B:-Kaithevi Ambu
- C:-Thalakkal Chandu
- D:-Rama Nambi

Correct Answer:- Option-D

Question17:-Expand 'ICDS'

- A:-International Child Development Scheme
- B:-Integrated and Comprehensive Development Scheme
- C:-Integrated Child Development Scheme
- D:-Integrated City Development Scheme

Correct Answer:- Option-C

Question18:-Which is the first tourism village of Kerala ?

- A:-Kumbalangi
- B:-Vengara
- C:-Kumarakom
- D:-Pookode

Correct Answer:- Option-A

Question19:-Which is the first political drama in Malayalam ?

- A:-Ningal Enne Communistaki
- B:-Mooladhanam
- C:-Samatwavadhi
- D:-Pattabakki

Correct Answer:- Option-D

Question20:-Which is the Malayalam novel jointly written by N.P.Mohamed and M.T.Vasudevan Nair ?

- A:-Ennapadam
- B:-Avabipponnu
- C:-Verukal
- D:-Randamoozham

Correct Answer:- Option-B

Question21:-The variation in wood strength depends on the microfibrillar angle of cellulose located in \_\_\_\_\_ layer.

- A:-S1
- B:-S2
- C:-S3
- D:-S4

Correct Answer:- Option-B

Question22:-The reaction wood of conifers is called

- A:-Tension
- B:-Static
- C:-Compression
- D:-None of these

Correct Answer:- Option-C

Question23:-First paper mill in India was set up in

- A:-1862
- B:-1882
- C:-1890
- D:-1999

Correct Answer:- Option-A

Question24:-\_\_\_\_\_ is used in the Non Destructive Testing of wood.

- A:-Pilodyn
- B:-Tree Sonic Timer
- C:-Both
- D:-None of these

Correct Answer:- Option-C

Question25:-The scientific name of Konkan bamboo is \_\_\_\_\_

- A:-Dendrocalamus stocksii
- B:-D. strictus
- C:-Bambusa balcooa
- D:-B. vulgaris

Correct Answer:- Option-A

Question26:-White dammar is obtained from

- A:-Vateria indica
- B:-Cannarium strictum
- C:-Vatica chinensis
- D:-Tetona grandis

Correct Answer:- Option-A

Question27:-Salai gum is obtained from

- A:-Vateria indica
- B:-Boswellia serrata
- C:-Acacia catechu
- D:-Acacia mangium

Correct Answer:- Option-B

Question28:-The tree known as Blue gum

- A:-Vateria indica
- B:-Eucalyptus citriodora
- C:-Eucalyptus globulus

D:-Acacia mangium

Correct Answer:- Option-C

Question29:-Flowering in bamboos is

A:-Gregarious

B:-Sproradic

C:-Annual

D:-All of these

Correct Answer:- Option-D

Question30:-World Forestry Day is on

A:-March 21

B:-June 21

C:-March 31

D:-April 21

Correct Answer:- Option-A

Question31:-Hypsometers are used for the measurement of

A:-Diameter

B:-Height

C:-Volume

D:-Density

Correct Answer:- Option-B

Question32:-The volume table used for the teak in India

A:-General

B:-MR Nair

C:-Brandis

D:-None of these

Correct Answer:- Option-B

Question33:-Quarter girth formula is used to measure the \_\_\_\_\_ of the timber.

A:-Volume

B:-Taper

C:-Height

D:-Density

Correct Answer:- Option-A

Question34:-The height of the bole from the ground level up to the point where average diameter over bark is 20 cm.

A:-Bole Height

B:-Standard Timber Bole

C:-Tree

D:-None of these

Correct Answer:- Option-B

Question35:-The Spiegel relaskop developed by \_\_\_\_\_ is essentially used for measurement of basal area of crops.

A:-Brandis

B:-Bitterlich

C:-Smith

D:-None of these

Correct Answer:- Option-B

Question36:-Huber's formula requires the measurement of \_\_\_\_\_ cross-sectional area of a log.

A:-Mid

B:-End

C:-Breast height

D:-All of these

Correct Answer:- Option-A

Question37:-The portion of the tree stem or log which is unmerchantable is called

A:-Cull

B:-Waste

C:-Billet

D:-None of these

Correct Answer:- Option-A

Question38:-Majority of sample plots in India are rectangular

A:-Elliptical

B:-Square

C:-Circular

D:-Rectangular

Correct Answer:- Option-D

Question39:-\_\_\_\_\_ resolution in remotely sensed data is defined as the amount of energy required to increase a pixel value by one quantisation level or 'count'.

A:-Angular

B:-Radiometric

C:-Polygonal

D:-None of these

Correct Answer:- Option-B

Question40:-The relationship between the growth rates of two organs of an individual

A:-Allometry

B:-Regression

C:-Correlation

D:-None of these

Correct Answer:- Option-A

Question41:-First Inspector General of India forests

A:-Dalhousie

B:-Deitrich Brandis

C:-Bourdillon

D:-None of these

Correct Answer:- Option-B

Question42:-Forests were included in the concurrent list under `42^(nd)` Amendment of

A:-1966

B:-1976

C:-1986

D:-1975

Correct Answer:- Option-B

Question43:-Stump planting in teak was developed by

A:-Chathu Menon

B:-Cannolly

C:-Bourdillon

D:-None of these

Correct Answer:- Option-C

Question44:-Kerala Forest Research Institute is located in

A:-Thrissur

B:-Palakkad

C:-Kozhikkode

D:-Malappuram

Correct Answer:- Option-A

Question45:-Taiga forests are also known as

A:-Boreal forests

B:-Cloud forest

C:-Tropical forest

D:-Subtropical forest

Correct Answer:- Option-A

Question46:-\_\_\_\_\_ are cropland left without crops for periods ranging from one season to several years.

A:-Range Land

B:-Fallows

C:-Both

D:-None

Correct Answer:- Option-B

Question47:-Taungya system was introduced into India by

A:-Muller

B:-Brandis

C:-Bentham

D:-None

Correct Answer:- Option-B

Question48:-Agroforestry systems where the use of land is directed towards satisfying basic needs and is managed mostly by the owner and his family

- A:-Subsistence
- B:-Commercial
- C:-Intermediate
- D:-None

Correct Answer:- Option-A

Question49:-An example of mixed sparse stand in Agroforestry is

- A:-Homegardens
- B:-Trees on farm boundaries
- C:-Both
- D:-None

Correct Answer:- Option-B

Question50:-Key features of Agroforestry design and diagnosis

- A:-Flexibility
- B:-Repetition
- C:-Speed
- D:-All of these

Correct Answer:- Option-D

Question51:-Vana Mahotsav was started in India on \_\_\_\_\_ by K.M. Munshy.

- A:-1950
- B:-1960
- C:-1947
- D:-1948

Correct Answer:- Option-A

Question52:-\_\_\_\_\_ are strips of trees and or shrubs planted to protect fields, homes canals or other areas from wind and blowing soil or sand.

- A:-Shelter belt
- B:-Wind break
- C:-Protein bank
- D:-None of these

Correct Answer:- Option-B

Question53:-Vegetation can control the effect of winds by

- A:-Obstruction
- B:-Filtration
- C:-Deflection
- D:-All of these

Correct Answer:- Option-D

Question54:-The term social forestry was coined by

- A:-Cannolly
- B:-Bordillon
- C:-Brandis
- D:-Westoby

Correct Answer:- Option-D

Question55:-The nitrogen fixation in non-leguminous trees like Casuarina is effected by

- A:-Frankia
- B:-Rhizobium
- C:-Clostridium
- D:-Nostoc

Correct Answer:- Option-A

Question56:-Alley cropping is also called

- A:-Homegardens
- B:-Hedge row intercropping
- C:-Both
- D:-None

Correct Answer:- Option-B

Question57:-The BCR should be greater than \_\_\_\_\_ at agroforestry, then only it can be considered worthy.

- A:-0
- B:-1

C:-0.5

D:-0.75

Correct Answer:- Option-B

Question58:-Homegardens can also be called as

A:-Sparse system

B:-Multitier system

C:-Both

D:-None of these

Correct Answer:- Option-B

Question59:-\_\_\_\_\_ forestry which is defined as the practice of forestry with the object of developing or maintaining a forest of high scenic value.

A:-Aesthetic

B:-Farm forestry

C:-Urban forestry

D:-None of these

Correct Answer:- Option-A

Question60:-\_\_\_\_\_ is used to produce the knot free timber.

A:-Thinning

B:-Cleaning

C:-Pruning

D:-Weeding

Correct Answer:- Option-C

Question61:-The concept that the trees in agroforestry systems are capable of recycling soil nutrients that leach down the crop rooting zone is called \_\_\_\_\_ hypothesis.

A:-Safety net

B:-Adsorption

C:-Absorption

D:-None

Correct Answer:- Option-A

Question62:-The sal (*Shorea robusta*) wood borer is

A:-*Hyblaea purescens*

B:-*Hoplocerambyx spinicornis*

C:-*Eutectona macharalis*

D:-*Attiva fabricella*

Correct Answer:- Option-B

Question63:-Teak leaf skeletoniser is

A:-*Hyblaea purescens*

B:-*Ganoderma lucidum*

C:-*Eutectona macharalis*

D:-*Attiva fabricella*

Correct Answer:- Option-C

Question64:-Die back of seedlings is common in

A:-Teak

B:-*Gmelina*

C:-*Ailanthus*

D:-Sal

Correct Answer:- Option-D

Question65:-The scientific name of Kail is

A:-*Pinus wallichiana*

B:-*P. Kessia*

C:-*Cedrus deodara*

D:-None

Correct Answer:- Option-A

Question66:-\_\_\_\_\_ frost is defined as a frost produced by cold air brought from elsewhere.

A:-Convective

B:-Pool

C:-Perma

D:-Advection

Correct Answer:- Option-D

Question67:- \_\_\_\_\_ is defined as a year 'in which a given species produces abundant first year seedlings'.

- A:-Seed year
- B:-Seedling year
- C:-Germination energy
- D:-Germination

Correct Answer:- Option-B

Question68:- \_\_\_\_\_ is the coppice arising from the stool or a living stump.

- A:-Seedling
- B:-Seed
- C:-Stool
- D:-Graft

Correct Answer:- Option-C

Question69:- \_\_\_\_\_ is defined as 'the time that elapses between successive main fellings on the same area'.

- A:-Felling cycle
- B:-Rotation
- C:-Periodic block
- D:-None of these

Correct Answer:- Option-A

Question70:- \_\_\_\_\_ is an example of solid bamboo.

- A:-Dendrocalamus strictus
- B:-Bambusa balcooa
- C:-D. Giganteus
- D:-None

Correct Answer:- Option-A

Question71:-Soil \_\_\_\_\_ is define as the arrangement of individual soil particles into aggregates of definite size and shape.

- A:-Texture
- B:-Structure
- C:-Porosity
- D:-None

Correct Answer:- Option-B

Question72:-Alternate wetting and drying is the most common seed pretreatment

- A:-Teak
- B:-Acacia
- C:-Casuarina
- D:-Rosewood

Correct Answer:- Option-A

Question73:-The International Seed Testing Association (ISTA) was started in the year

- A:-1824
- B:-1880
- C:-1924
- D:-1930

Correct Answer:- Option-C

Question74:-Foundation seed tag colour is

- A:-White
- B:-Blue
- C:-Green
- D:-Purple

Correct Answer:- Option-A

Question75:-The percent, by number, of seeds in a given sample which germinate up to the time of peak germination, is called

- A:-Germination percent
- B:-Germination period
- C:-Germination energy
- D:-All of these

Correct Answer:- Option-C

Question76:-In Tetrazolium test, living cells are stained red by the reduction of a colourless tetrazolium salt to form a \_\_\_\_\_ formazan.

- A:-Red
- B:-Yellow



C:-Pale yellow

D:-White

Correct Answer:- Option-A

Question77:-Germination in which the cotyledons remain in the seed below the ground while the epicotyl elongates

A:-Epigeal

B:-Hypogeal

C:-Open

D:-None of these

Correct Answer:- Option-B

Question78:-The seed that cannot be dried to lower moisture content and kept at low temperature is called

A:-Orthodox

B:-Sub orthodox

C:-Recalcitrant

D:-Quiescent

Correct Answer:- Option-C

Question79:-In Coniferous species \_\_\_\_\_ soil is good for nursery raising.

A:-Acidic

B:-Basic

C:-Neutral

D:-None of these

Correct Answer:- Option-A

Question80:-Example of nursery managed without any irrigation is

A:-Wet nursery

B:-Rab nursery

C:-Permanent nursery

D:-None of these

Correct Answer:- Option-B

Question81:-\_\_\_\_\_ involves covering moist soil with a transparent plastic film and exposing it to the sun.

A:-Culling

B:-Top dressing

C:-Repellents

D:-Solarisation

Correct Answer:- Option-D

Question82:-Planting time of teak for the stump production is

A:-April-May

B:-June-July

C:-October-November

D:-December-January

Correct Answer:- Option-A

Question83:-Commonly used nitrogen fertilizer in the nursery

A:-DAP

B:-MAP

C:-Urea

D:-None of these

Correct Answer:- Option-C

Question84:-Teak defoliator can be effectively controlled by

A:-Bavistin

B:-Basic

C:-NPV

D:-None of these

Correct Answer:- Option-C

Question85:-Felling done in an immature stand without permanently breaking the canopy is called

A:-Thinning

B:-Final felling

C:-Cleaning

D:-None of these

Correct Answer:- Option-A

Question86:-\_\_\_\_\_ are used to produce plants with fibrous root system without root coiling.

A:-Polythene bags

- B:-Polysleives
- C:-Jiffy pots
- D:-Root trainer

Correct Answer:- Option-D

Question87:-Working plans are normally prepared for a period of 10 years

- A:-20
- B:-5
- C:-10
- D:-15

Correct Answer:- Option-C

Question88:-The concept of \_\_\_\_\_ yield envisages raising the productivity of soil, and of the crop, by silvicultural treatments, judicious tending, enrichment of the forest by changing the corp composition and by replacement of the original inferior forest by valuable forest species.

- A:-Sustained yield
- B:-Progressive yield
- C:-Normal yield
- D:-None of these

Correct Answer:- Option-B

Question89:-\_\_\_\_\_ are used for root induction in cuttings.

- A:-Auxin
- B:-Cytokinin
- C:-GA 31
- D:-ABA

Correct Answer:- Option-A

Question90:-Wildlife Protection Act was enacted in the country in the year

- A:-1987
- B:-1990
- C:-1972
- D:-1951

Correct Answer:- Option-C

Question91:-World Environment Day is celebrated on

- A:-June 5
- B:-January 25
- C:-March 21
- D:-March 22

Correct Answer:- Option-A

Question92:-The first community reserve of Kerala

- A:-Peppara
- B:-Neyyar
- C:-Chimmini
- D:-Kadalundi-Vallikunnu

Correct Answer:- Option-D

Question93:-Corbet National Park is situated in

- A:-Madhya Pradesh
- B:-Tamil Nadu
- C:-West Bengal
- D:-Uttarakhand

Correct Answer:- Option-D

Question94:-The concept of carbon trading was first envisaged as part of

- A:-CDM
- B:-REDD
- C:-REDD+
- D:-None of these

Correct Answer:- Option-A

Question95:-The headquarters of World Agroforestry Center is located at

- A:-Kenya
- B:-USA
- C:-New Delhi
- D:-Chennai

Correct Answer:- Option-A

Question96:-Arid Forest Research Institute is located at

- A:-Uttarakhand
- B:-Chennai
- C:-Orissa
- D:-Jodhpur

Correct Answer:- Option-D

Question97:-Pollination by wind is called

- A:-Anemophily
- B:-Zoophily
- C:-Ornithophily
- D:-None of these

Correct Answer:- Option-A

Question98:-Double helical model of DNA was suggested by Watson and Crick

- A:-Gregor Mendel
- B:-Sutton and Bovary
- C:-Both 1 and 2
- D:-Watson and Crick

Correct Answer:- Option-D

Question99:-A monosomic is an individual that lacks one chromosome of the normal complement of somatic cells

- A:-Monosomic
- B:-Monosully
- C:-Monomeres
- D:-None of these

Correct Answer:- Option-A

Question100:-A tree that has been shown by progeny testing to produce superior offsprings

- A:-Elite tree
- B:-Candidate tree
- C:-Comparison tree
- D:-None of these

Correct Answer:- Option-A