

FINAL ANSWER KEY

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Question1:-Family planning has been initiated in India on a national scale in

- A:-1952
- B:-1954
- C:-1956
- D:-1955

Correct Answer:- Option-A

Question2:-Who acts as the Chairman of Rajyasabha ?

- A:-President
- B:-Prime Minister
- C:-Finance Minister
- D:-Vice President` `

Correct Answer:- Option-D

Question3:-The first bank to introduce ATM in the world

- A:-SBI
- B:-Lloyds Bank
- C:-Barclays Bank
- D:-HSBC Bank

Correct Answer:- Option-C

Question4:-The 200 metres Womens Champion in the World Athletic Championship 2017 is

- A:-Dafne Shippers
- B:-Mary Josey
- C:-Tory Bovi
- D:-Elena Thompson

Correct Answer:- Option-A

Question5:-The famous Dilwara Temples is situated in

- A:-Odisha
- B:-Maharashtra
- C:-Rajasthan
- D:-Punjab

Correct Answer:- Option-C

Question6:-The largest river island in India is

- A:-Majuli
- B:-Elephanta
- C:-DIU
- D:-Barren

Correct Answer:- Option-A

Question7:-Which of the following is the oldest mountain range of India ?

- A:-Himalaya
- B:-Aravalli
- C:-Vindhya
- D:-Satpura

Correct Answer:- Option-B

Question8:-First secretary of N.S.S. was

- A:-K. Kelappan
- B:-Mannathu Padmanabhan
- C:-Chattampi Swamikal
- D:-P. K. Narayana Panikkar

Correct Answer:- Option-B

Question9:-Who won the Nobel prize for literature in 2016 ?

- A:-Eric Clapton
 - B:-Juan Manuel Santos
 - C:-Gabriel Garcia Marquez
 - D:-Bob Dylan
- Correct Answer:- Option-D

Question10:-The period of Rolling plan in India was

- A:-1966-69
- B:-1990-92
- C:-1978-80
- D:-2000-2005

Correct Answer:- Option-C

Question11:-Largest city in India in terms of population as per 2011 census

- A:-Mumbai
- B:-Delhi
- C:-Bangalore
- D:-Hyderabad

Correct Answer:- Option-A

Question12:-National award for best actress in 2017 was won by

- A:-Sobhana
- B:-Surabhi Lakshmi
- C:-Bhavana
- D:-Parvathi

Correct Answer:- Option-B

Question13:-Which of the following News paper was published from Thrissur as a month piece of Congress Socialist Party ?

- A:-Swadeshabhimani
- B:-Mathrubhumi
- C:-Prabhatam
- D:-Kerala Kaumudi

Correct Answer:- Option-C

Question14:-Which of the following is an east flowing river ?

- A:-Periyar
- B:-Pamba
- C:-Pambar
- D:-Chaliyar

Correct Answer:- Option-C

Question15:-The founder of All Travancore Muslim Mahajanasabha was

- A:-Muhammad Abdurahiman
- B:-E. Moithu Moulavi
- C:-Pookoya Thangal
- D:-Vakkom Abdul Khader Moulavi

Correct Answer:- Option-D

Question16:-The hills that lies at the junction of Eastern and Western and Western ghats

- A:-Nilgiri hills
- B:-Anamudi
- C:-Munnar hills
- D:-Chin hills

Correct Answer:- Option-A

Question17:-The highest temperature recorded sofar in India is

- A:-55°C
- B:-51°C
- C:-45°C
- D:-48°C

Correct Answer:- Option-B

Question18:-Wagon Tragedy in connection with Malabar Rebellion took place on

- A:-01 Dec. 1921
- B:-15 Nov. 1921
- C:-10 Nov. 1921
- D:-21 Nov. 1921

Correct Answer:- Option-C

Question19:-Vaikom Satyagraha ended in the year

- A:-1921
- B:-1925
- C:-1926
- D:-1924

Correct Answer:- Option-B

Question20:-The founder of Cheramar Sangham was

- A:-K. P. Karuppan
- B:-Krishnadiyasan
- C:-Kumaragurudeva
- D:-Pambadi John Joseph

Correct Answer:- Option-D

Question21:-Kanchas and orans are local names for

- A:-Tree and grassland management systems in arid/semi-arid parts of India
- B:-The Kerala homegardens
- C:-Shifting cultivation in Arunachal Pradesh
- D:-Grazing systems in central and western Himalayas

Correct Answer:- Option-A

Question22:-Wheeler's pentaprism is used to measure

- A:-Inclination
- B:-Spread
- C:-Branch number
- D:-Diameter

Correct Answer:- Option-D

Question23:-A mineral deficiency is likely to affect older leaves more than younger leaves if

- A:-the mineral is very mobile within the plant
- B:-the mineral is a micronutrient
- C:-the mineral is required for chlorophyll synthesis
- D:-the mineral is a macronutrient

Correct Answer:- Option-A

Question24:-Holridge's climatic models are not based on

- A:-Biopotential
- B:-Average annual precipitation
- C:-Potential evapotranspiration
- D:-Solar radiation

Correct Answer:- Option-D

Question25:-National Agroforestry Policy was implemented in the year

- A:-2014
- B:-2012
- C:-2010
- D:-2011

Correct Answer:- Option-A

Question26:-The reaction wood in soft woods is termed as

- A:-Compression wood
- B:-Tension wood
- C:-Juvenile wood
- D:-Ring porous wood

Correct Answer:- Option-A

Question27:-If the objective of coppice crop is fuel production, then _____ is required

- A:-Crown thinning
- B:-Free thinning
- C:-Mechanical thinning
- D:-No thinning

Correct Answer:- Option-D

Question28:-The first forest policy of Indian Republic was brought out in the year

- A:-1894
- B:-1952
- C:-1980
- D:-1988

Correct Answer:- Option-B

Question29:-A plantation of genetically superior trees isolated to reduce cross pollination by inferior ones and managed intensively for seed production is

- A:-Seed stand
- B:-Seed orchard
- C:-Provenance
- D:-Plus stand

Correct Answer:- Option-B

Question30:-Vigour test method in which the ability of germinants to overcome physical stress is evaluated by germinating the seeds under a layer of crushed brick stone gravel

- A:-Cutting
- B:-Grave yard
- C:-Hiltner
- D:-Tetrazolium

Correct Answer:- Option-C

Question31:-This organism is commonly known as the teak defoliator

- A:-Eutectona macheralis
- B:-Hyblaea puera
- C:-Sahyadrussus malabaricus
- D:-Hypsipyla grandella

Correct Answer:- Option-B

Question32:-The current annual increment for Ailanthus at 5 years age is 5 cu. ft and 10 years is 2.5 cu. ft. The MAI at 10 years of tree age is 3.5 cu. ft. What is the total tree volume at 10^{th} year ?

- A:-10 cu ft
- B:-25 cu ft
- C:-35 cu ft
- D:-50 cu ft

Correct Answer:- Option-C

Question33:-Internal rate of return is the

- A:-Interest rate
- B:-Discount rate
- C:-Bank rate
- D:-Opportunity cost

Correct Answer:- Option-B

Question34:-Usually _____ seed bearers per hectare are retained even after all the shelterwood is removed in the case of chir in North India.

- A:-12-15
- B:-50-60
- C:-2-3
- D:-150-200

Correct Answer:- Option-A

Question35:-The nursery operation to condition the nursery stock by loosening the contact between soil and root of the seedlings in nursery bed is called

- A:-Box pruning
- B:-Lateral pruning
- C:-Under cutting
- D:-Wrenching

Correct Answer:- Option-B

Question36:-Shigakai pods are obtained from

- A:-Acacia concinna
- B:-Acacia arabica
- C:-Butea monosperma
- D:-Caesalpinia sapan

Correct Answer:- Option-A

Question37:-Pitch of a saw is

- A:-Length of teeth
- B:-Thickness of teeth
- C:-Number of teeth
- D:-Angle between teeth

Correct Answer:- Option-D

Question38:- _____ woods cannot be seasoned very fast without creating defects particularly cracking and splitting.

- A:-Highly refractory
 - B:-Moderately refractory
 - C:-Non-refractory
 - D:-Slightly refractory
- Correct Answer:- Option-A

Question39:-Which among the following is a strong coppicer ?

- A:-Casuarina equisetifolia
 - B:-Cedrus deodara
 - C:-Madhuca latifolia
 - D:-Tectona grandis
- Correct Answer:- Option-D

Question40:-Central Agroforestry Research Institute is located at

- A:-Dehradun
 - B:-Jhansi
 - C:-Jodhpur
 - D:-Nigeria
- Correct Answer:- Option-B

Question41:-Agroforestry was recognized as a GHG mitigation strategy as per

- A:- 4th assessment report of IPCC, 2007
 - B:- 3rd assessment report of IPCC, 2001
 - C:-Bali action plan
 - D:-Copenhagen summit 2009
- Correct Answer:- Option-B

Question42:-A very commonly used surface sterilant for explants in plant tissue culture

- A:-NaCl
 - B:- KMNO_4
 - C:- CaCl_2
 - D:- HgCl_2
- Correct Answer:- Option-D

Question43:-The geo-stationary satellite is located at a height of

- A:-920 km from earth
 - B:-3600 km from earth
 - C:-36000 km from earth
 - D:-1100 km from earth
- Correct Answer:- Option-C

Question44:-The approximate cubic content of a standing teak tree with GBH 2.0 m and commercial bole height 20 m is

- A:-4.0 m^3
 - B:-1.5 m^3
 - C:-250 cu ft
 - D:-2.5 m^3
- Correct Answer:- Option-A

Question45:-The number of seedlings required for planting in 10 ha area at a spacing of 2 m between plants and 4 m between rows

- A:-10,000
 - B:-12,500
 - C:-15,000
 - D:-20,000
- Correct Answer:- Option-B

Question46:-UTM is

- A:-Universal Timber Manual
 - B:-Universal Testing Machine
 - C:-Universal Timber Methodology
 - D:-Uniform Testing Machinery
- Correct Answer:- Option-B

Question47:-The leaves of this tree is used for making beedi

- A:-Nicotiana tabaccum
- B:-Diospyros ebenum
- C:-Diospyros melanoxylon

D:-Diospyros affinis

Correct Answer:- Option-C

Question48:-The growth regulator required to initiate seed germination is

A:-Gibberellic acid

B:-Absicic acid

C:-Cytokinin

D:-Ethral

Correct Answer:- Option-A

Question49:-The biochemical test employed to assess seed viability is

A:-Formaldehyde test

B:-Tetrazolium test

C:-Ferric chloride test

D:-Levene's test

Correct Answer:- Option-B

Question50:-Length of the lowest section is _____ in stem analysis.

A:-3.0 m

B:-1.37 m

C:-2.74 m

D:-5.0 m

Correct Answer:- Option-C

Question51:-The credits obtained through Joint Implementation is known as

A:-Removal Units

B:-Emission Reduction Units

C:-Certified Emission Reduction

D:-Kyoto Protocol Units

Correct Answer:- Option-B

Question52:-The land use factor (L) in shifting cultivation where permanent cultivation is reached (zero fallow phase) through improved fallow management will be

A:-> 10

B:-= 1

C:-< 1

D:-= 2

Correct Answer:- Option-B

Question53:-The type of germination in which the cotyledons are forced above the ground epicotyls

A:-Hypogeal

B:-Epgigeal

C:-Open

D:-Closed

Correct Answer:- Option-B

Question54:-A silvicultural system in which regeneration fellings are carried out in narrow strips extending in east-west direction and advancing from north to south is

A:-Bavarian Femelschag

B:-Two storied high forest system

C:-Wagner's Blendersaumschlag

D:-Dauerwald

Correct Answer:- Option-C

Question55:-The credits obtained through Joint Implementation is known as

A:-Removal Units

B:-Certified Emission Reduction

C:-Emission Reduction Units

D:-Kyoto Protocol Units

Correct Answer:- Option-C

Question56:-In a normal increment curve

A:-Initially CAI curve is at a higher level compared to MAI curve

B:-Initially MAI curve is at higher level compared to CAI curve

C:-Both are parallel through out the growing period

D:-Both are highly erratic through out

Correct Answer:- Option-A

Question57:-The inner seed coat is known as

- A:-Testa
- B:-Tegmen
- C:-Tertiary integument
- D:-Raphe

Correct Answer:- Option-B

Question58:-The seed that can be stored at low moisture content and temperature

- A:-Orthodox seed
- B:-Intermediate seed
- C:-Recalcitrant seed
- D:-Registered seed

Correct Answer:- Option-A

Question59:-The conservation Reserve is declared using the provisions under the _____ section of the Wildlife (Protection) Act, 1972.

- A:-36a
- B:-36b
- C:-36c
- D:-36d

Correct Answer:- Option-A

Question60:-A method of thinning in which attention is concentrated on evenly spaced selected stems (called elite stems) which are retained until maturity.

- A:-Crown thinning
- B:-Free thinning
- C:-Mechanical thinning
- D:-High thinning

Correct Answer:- Option-B

Question61:-Quantitative traits exhibits continuous variation as they are controlled by

- A:-Single gene
- B:-Oligogenes
- C:-Polygenes
- D:-Special genes

Correct Answer:- Option-C

Question62:-A felling made with a view to assist regeneration under the shelter wood system is

- A:-Final felling
- B:-Secondary felling
- C:-Clear felling
- D:-Seeding felling

Correct Answer:- Option-D

Question63:-Plants are more readily manipulated by genetic engineering than are animals because

- A:-Plant genes do not contain introns
- B:-More vectors are available for transferring recombinant DNA into plant cells
- C:-A somatic plant cell can often give rise to a complete plant
- D:-Plant cells have larger nuclei

Correct Answer:- Option-C

Question64:-LULUCF is a strategy under the

- A:-Bhopal-India Process
- B:-Kyoto Treaty
- C:-Montreal Process
- D:-WTO Regime

Correct Answer:- Option-B

Question65:-The most striking advantage of laser hypsometers upon conventional hypsometers is

- A:-The strong laser beam help to clearly identify the tree tip
- B:-They provide the results in digital units and hence accurate
- C:-They don't require horizontal distance measurement
- D:-They don't require slopping distance measurement

Correct Answer:- Option-C

Question66:-ASCU is a

- A:-Fungicide
- B:-Weedicide
- C:-Wood Preservative

D:-Wood paint

Correct Answer:- Option-C

Question67:-Which is not true about tyloses ?

A:-Enhances impregnation

B:-Often found in cell lumen

C:-Increase overall density

D:-Impart protection

Correct Answer:- Option-A

Question68:-An agroforestry tree species that strongly influenced the livelihood security of people in the western arid zones of India

A:-Faidherbia albida

B:-Acacia tortilis

C:-Prosopis Cineraria

D:-Acacia nilotica

Correct Answer:- Option-C

Question69:-Present tropospheric `CO₂` concentrations is about _____ ppm.

A:-365

B:-288

C:-105

D:-300

Correct Answer:- Option-A

Question70:-The measure of the relative productive capacity of a site with respect to a particular species is known as

A:-Site index

B:-Species productivity

C:-Site quality

D:-Site productivity

Correct Answer:- Option-C

Question71:-The external factor that affects seed longevity includes

A:-Wind velocity

B:-Soil moisture

C:-Relative humidity

D:-Seed size

Correct Answer:- Option-C

Question72:-The sum (by numbers or volume) of all the trees growing in a forest or a specified part of it is known as

A:-Growing stock

B:-Normal growing stock

C:-Forest capital

D:-Basal area

Correct Answer:- Option-A

Question73:-Which of these trees is propagated by branch cuttings ?

A:-Teak

B:-Ailanthus

C:-Poplar

D:-Mahua

Correct Answer:- Option-C

Question74:-In forestry Huber's formula is used to find out

A:-Crown shape

B:-Crown spread

C:-Volume

D:-Height

Correct Answer:- Option-C

Question75:-Cutting the stem of a tree in order to obtain a flush of shoots, usually above the height to which the browsing animals can reach is known as

A:-Pruning

B:-Browsing

C:-Pollarding

D:-Gridling

Correct Answer:- Option-C

Question76:-Identify a most suitable grass species for soil conservation in the Western Ghats region

- A:-Eulaliopsis binata
 - B:-Chloris gayana
 - C:-Vetiveria zizanioides
 - D:-Brachiaria ruziziensis
- Correct Answer:- Option-C

Question77:-The interval between seeding felling and final felling in a particular area is

- A:-regeneration interval
- B:-secondary felling
- C:-thinning cycle
- D:-felling interval

Correct Answer:- Option-A

Question78:-Full cell or Bethel Process is a type of

- A:-Wood preservation technique
- B:-Wood seasoning method
- C:-Test of mechanical properties
- D:-Test to find out the luminescence of wood

Correct Answer:- Option-A

Question79:-Grevillea robusta belongs to the family

- A:-Verbenaceae
- B:-Meliaceae
- C:-Bombacaceae
- D:-Proteaceae

Correct Answer:- Option-D

Question80:-Agar oil is extracted from

- A:-Santalum album
- B:-Aquilaria agallocha
- C:-Acacia arabica
- D:-Artocarpus hirsuta

Correct Answer:- Option-B

Question81:-During the 1980's global deforestation accounted for about _____ of C emission.

- A:-5.5 Pg C per year
- B:-7.4 Pg C per year
- C:-26 Pg C per year
- D:-1.6 Pg C per year

Correct Answer:- Option-D

Question82:-What is advance thinning ? A thinning operation

- A:-in which attention is concentrated on evenly spaced selected stems
- B:-that removes inferior individuals
- C:-that removes trees in alternate rows following some rule of thumb
- D:-done in a regular crop in anticipation of suppression

Correct Answer:- Option-D

Question83:-Climber yielding strong fibre is

- A:-Hardwickia binata
- B:-Bauhenia vahlii
- C:-Quisqualis indica
- D:-Ficus bengalensis

Correct Answer:- Option-B

Question84:-Advance thinning is a thinning operation

- A:-in which attention is concentrated on evenly spaced selected stems
- B:-that removes inferior individuals
- C:-that removes trees and alternate rows following some rule of thumb
- D:-done in a regular crop in anticipation of suppression

Correct Answer:- Option-D

Question85:-Water blister of teak is a

- A:-Physiological disorder
- B:-Mycoplasma disease
- C:-Growth pattern influenced by climate
- D:-Viral disease

Correct Answer:- Option-A

Question86:-The potential limitation to intensive agroforestry in the humid tropics is

- A:-PAR availability
 - B:-Moisture availability
 - C:-Heavy nutrient demand
 - D:-Crop density
- Correct Answer:- Option-A

Question87:-Luecaena psyllid is

- A:-Hoplocerambyx spinicornis
 - B:-Eligma narcissus
 - C:-Hyblaea peura
 - D:-Hipsipyla robusta
- Correct Answer:- Option-D

Question88:-_____ is a tree species extensively used for border planting in the coastal tracts of central Kerala.

- A:-Ailanthus triphysa
 - B:-Vatica chinensis
 - C:-Thespesia populnea
 - D:-Casuarina equisetifolia
- Correct Answer:- Option-B

Question89:-Pink disease in Eucalyptus is caused by

- A:-Corticium salmonicolor
 - B:-Rhizopogon nigrescens
 - C:-Rhizotonia solani
 - D:-Phytophthora palmivora
- Correct Answer:- Option-A

Question90:-Primary classification of silvicultural system is based on

- A:-Mode of regeneration
 - B:-Pattern of felling
 - C:-Locality factors
 - D:-Species composition
- Correct Answer:- Option-A

Question91:-Sal borer is

- A:-Hoplocerambyx spinicornis
 - B:-Eligma narcissus
 - C:-Hyblaea peura
 - D:-Hipsipyla robusta
- Correct Answer:- Option-A

Question92:-The number of 25-cm (quadratic mean diameter at breast height) trees per hectare in a stand is

- A:-Importance value index
 - B:-Reineke's stand density index
 - C:-Crown competition factor
 - D:-Wilson's percent of height
- Correct Answer:- Option-B

Question93:-The forgone value of the next best alternative that is not chosen or the true sacrifice incurred by the choice of a given action

- A:-Real rate of interest
 - B:-Opportunity cost
 - C:-Shadow price
 - D:-Net present value
- Correct Answer:- Option-B

Question94:-Standard basal media formulations commonly used in Plant Tissue Culture

- A:-Murashige and Skoog
 - B:-Mannitol salt agar
 - C:-Potato dextrose agar
 - D:-Agarose gel media
- Correct Answer:- Option-A

Question95:-Species highly suitable for afforestation in laterite soil is

- A:-Acacia auriculiformis
- B:-Tamarix articulata
- C:-Acacia nilotica

D:-Populus deltoids

Correct Answer:- Option-A

Question96:-What is podzolisation ?

A:-A soil forming process by which igneous rocks, usually of basic composition weather in tropical climates

B:-A soil forming process of cool, humid climates in which leaching by organic acids remove bases and translocate sesquioxides from A horizon

C:-Disintegration of rocks chemically under the influence of water containing dissolved CO_2

D:-Physical disintegration of rocks resulting in exposure of internal surfaces

Correct Answer:- Option-B

Question97:-Nitrogen fixing ability of Casuarina is attributable to

A:-Azotobacter

B:-Frankia

C:-Rhizobium

D:-Azospirillum

Correct Answer:- Option-B

Question98:-Marginal cost is

A:-Cost of total output produced

B:-Cost of acquiring an additional unit of input

C:-Cost of producing an additional unit of output

D:-Average cost of output

Correct Answer:- Option-C

Question99:-Free-Air CO_2 Enrichment (FACE) offers a mechanism for

A:-regulating C emissions under the Kyoto Protocol

B:-protecting global biodiversity under CBD

C:-evaluating the effects of enriched atmospheric CO_2 on ecosystem processes

D:-predicting climate change with coupled atmosphere-ocean general circulation models (A-O GCM)

Correct Answer:- Option-C

Question100:-The Forest Conservation Act was constituted in the year

A:-1970

B:-1975

C:-1980

D:-1985

Correct Answer:- Option-C