

## PROVISIONAL ANSWER KEY

Question 74/2025/OL

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Department State Farming Corporation of Kerala Limited

Question1:-The moisture content of soil at 40% depletion of available water, with field capacity 22% and permanent wilting point 12% will be

A:-4%

B:-8%

C:-16%

D:-18%

Correct Answer:- Option-D

Question2:-An essential nutrient which is highly mobile in soil and immobile in plants

A:-Zn

B:-Ca

C:-B

D:-N

Correct Answer:- Option-C

Question3:-What is the approximate quantity of urea required for topdressing a wetland transplanted crop of Matta Triveni variety of rice cultivated in an area of 2 hectares?

A:-100 kg

B:-200 kg

C:-300 kg

D:-400 kg

Correct Answer:- Option-A

Question4:-Which of the following statement(s) is/are correct about watershed?

- i. Watershed is a geo-hydrologic unit bounded by a natural ridgeline from which all the surface runoff drains to a common outlet/drainage point
- ii. Micro-watershed is generally considered as an ideal unit for the implementation of watershed development project in the villages
- iii. Kerala with its 44 rivers is delineated into 44 micro-watersheds

A:-i and ii only

B:-ii and iii only

C:-all the three

D:-i only

Correct Answer:- Option-A

Question5:-Which of the following statement(s) is/are correct about cropping system?

- i. Multiple cropping can be practiced through intercropping and/or sequential cropping
- ii. Sequential cropping is the intensification of cropping in space dimension
- iii. In an additive series of intercropping, the population of intercrop is normally less than its recommended population in pure stand

A:-i and ii only

B:-i and iii only

C:-ii and iii only

D:-all the three

Correct Answer:- Option-B

Question6:-Which of the following statement(s) is/are correct about drip irrigation system?

- i. Hydro cyclone filters are used when irrigation water contains more amount of sand particles
- ii. Point source emitters are fixed internally along the lateral tube at designed spacings at the time of manufacturing itself
- iii. In Kerala, the general recommendation of drip irrigation for coconut is to apply 40 to 50 litres of water per palm per day with 3 to 4 emitters

A:-i and ii only

B:-iii only

C:-i and iii only

D:-all the three

Correct Answer:- Option-C

Question7:-Pusa Basmati 1979 and Pusa Basmati 1985 are the first non-genetically modified (non-GM) herbicide tolerant rice varieties released by Indian Agricultural Research Institute. These varieties are tolerant to which of the following herbicide?

A:-2, 4-D

B:-Glyphosate

C:-Bispyribac sodium

D:-Imazethapyr

Correct Answer:- Option-D

Question8:-Which of the following is/are secondary tillage implement(s)?

- i. Disc plough
- ii. Cultivator
- iii. Disc harrow
- iv. Wooden plough

A:-i and ii only

B:-ii and iii only

C:-iii only

D:-i and iv only

Correct Answer:- Option-B

Question9:-Which of the following is an early variety of tapioca?

A:-Sree Sahya

B:-M-4

C:-Nidhi

D:-H-226

Correct Answer:- Option-C

Question10:-Which of the following statement is true regarding the treatment of cowpea seeds before sowing?

A:-Lime pelleting is done prior to *Rhizobium* inoculation

B:-Hydrated lime can be used for pelleting

C:-The *Rhizobium* treated seeds can be mixed with the fertilisers and sown

D:-Lime pelleting is required only for sowing seeds in acid soils

Correct Answer:- Option-D

Question11:-The cage or box filled with rocks, concrete sand or soil for gully stabilization in low rainfall region is called

A:-Silt fences

B:-Rock check dams

C:-Gabions

D:-None of these

Correct Answer:- Option-C

Question12:-Match the following :

- |                     |      |                  |
|---------------------|------|------------------|
| 1. Particle density | i.   | Crumby           |
| 2. Bulk density     | ii.  | True density     |
| 3. Soil texture     | iii. | Apparent density |
| 4. Soil structure   | iv.  | Loam             |

A:-1-iii, 2-ii, 3-i, 4-iv

B:-1-ii, 2-i, 3-iv, 4-iii

C:-1-iv, 2-i, 3-ii, 4-iii

D:-1-ii, 2-iii, 3-iv, 4-i

Correct Answer:- Option-D

Question13:-The minimum conversion period requirement in organic farming is

- A:-Twelve months
- B:-Thirty six months
- C:-Twenty four months
- D:-None of these

Correct Answer:- Option-A

Question14:-Healthy vegetation has an NDVI value of

- A:-Zero
- B:-+1
- C:--1
- D:-None of these

Correct Answer:- Option-B

Question15:-Among the following, the bottom up approach method for the synthesis of nanoparticle is

- A:-Mechanical milling
- B:-Sputtering
- C:-Laser ablation
- D:-Sol Gel method

Correct Answer:- Option-D

Question16:-Which of the following statement is/are wrong?

Statement I : The stability of mineral decreases with increase in silica tetrahedral linkage

Statement II : As the distortion of crystal lattice decreases there is increase in stability of mineral

- A:-Only Statement I
- B:-Only Statement II
- C:-Both I and II
- D:-None of these

Correct Answer:- Option-A

Question17:-The upper limit of moisture at which optimum tillage operation can be performed for most crops except rice

- A:-Liquid limit
- B:-Upper plastic limit
- C:-Lower plastic limit
- D:-None of these

Correct Answer:- Option-C

Question18:-The ameliorant used for management of sub soil acidity is

A:- $CaSO_4 \cdot 2H_2O$

B:- $CaCO_3$

C:- $CaMg(CO_3)_2$

D:- $Ca(OH)_2$

Correct Answer:- Option-A

Question19:-The reagent used for extraction of micronutrients in soil

A:-DTPA at pH 7.3

B:-EDTA at pH 7.3

C:-DTPA at pH 7.6

D:-EDTA at pH 7.6

Correct Answer:- Option-A

Question20:-As the soil pH increases the AEC of soil

A:-Increases

B:-Decreases

C:-Remain constant

D:-None of these

Correct Answer:- Option-B

Question21:-Difference between three line and two line breeding

A:-Male sterility absent

B:-R line absent

C:-B line absent

D:-A line absent

Correct Answer:- Option-C

Question22:-Law of homologous series was proposed by \_\_\_\_\_.

A:-A, Einstein

B:-NI Vavilov

C:-Charles Darwin

D:-Watson and Crick

Correct Answer:- Option-B

Question23:-Father of green revolution

A:-Yuan long ping

B:-Charles Darwin

C:-Gregor Mendel

D:-Normal Borloug

Correct Answer:- Option-D

Question24:-Lack of cross pollination results in

A:-Inbreeding depression

B:-Heterosis

C:-Apoptosis

D:-Glycolysis

Correct Answer:- Option-A

Question25:-Complete flower has

A:-All essential whorls

B:-Perianth

C:-Androecium

D:-Gynoecium

Correct Answer:- Option-A

Question26:-In \_\_\_\_\_ DNA a segment is abnormally lost

A:-Inversion

B:-Translocation

C:-Deletion

D:-Duplication

Correct Answer:- Option-C

Question27:-When a segment of one chromosome becomes attached to another

A:-Duplication

B:-Inversion

C:-Deletion

D:-Translocation

Correct Answer:- Option-D

Question28:-Hybrid vigour is also known as

A:-Mitosis

B:-Transformation

C:-Meiosis

D:-Heterosis

Correct Answer:- Option-D

Question29:-Crossing over occurs in \_\_\_\_\_ during meiosis.

A:-Pachytene

B:-Metaphase

C:-Zygotene

D:-Metaphase 1

Correct Answer:- Option-A

Question30:-\_\_\_\_\_ is a physical mutagen.

A:-CO<sub>2</sub>

B:-X rays

C:-Oxygen

D:-EMS

Correct Answer:- Option-B

Question31:-During seed certification, inter-cropping is applicable in which combination

i. Foundation class

ii. Certified class

iii. Oilseed crops

iv. Pulse crops

A:-i-iii-iv

B:-i-ii-iii

C:-ii-iii-iv

D:-i-ii-iv

Correct Answer:- Option-C

Question32:-Breeder seed shall be so pure as to guarantee that in the subsequent generation i.e., certified foundation seed class shall conform to the prescribed standards of

A:-Physical purity

B:-Genetic purity

C:-Germination percentage

D:-Seed health

Correct Answer:- Option-B

Question33:-Certification shall be conducted by certification agency notified under section

A:-13 of the Seeds Act, 1966

B:-5 of the Seeds Act, 1966

C:-12 of the Seeds Act, 1966

D:-8 of the Seeds Act, 1966

Correct Answer:- Option-D

Question34:-Specific crop standards for seed certification consists of

A:-Field standards

B:-Seed standards

C:-Both (1) and (2)

D:-None

Correct Answer:- Option-C

Question35:-Downy mildew in sunflower is a designated objectionable seed borne disease caused by

A:-*Sclerospora graminicola*

B:-*Plasmopara halstedii*

C:-*Claviceps fusiformis*

D:-*Sphacelotheca reiliana*

Correct Answer:- Option-B

Question36:-Under which section of Seeds Act 1966, Seed Inspector is appointed for enforcing various provisions regarding regulation of sale of seeds of notified kinds/varieties

A:-Section 13, Seeds Act 1966

B:-Section 12, Seeds Act 1966

C:-Section 14, Seeds Act 1966

D:-Section 15, Seeds Act 1966

Correct Answer:- Option-A

Question37:-The authority to look into grievances related to certified seed production procedures against seed certification agencies, seed traders and seed law enforcement officials at state level is

A:-Central Seed Committee

B:-Appellate Authority

C:-National Seed Corporation

D:-State Seed Corporation

Correct Answer:- Option-B

Question38:-When the individual/organization owning an intellectual property does not disclose the property and keeps it as a closely guarded secret to promote his/its own commercial interest is

A:-Trade secret

B:-Patent

C:-Copy right

D:-Plant breeder's right

Correct Answer:- Option-A

Question39:-Specification for certified tag colour for certified class seed

A:-ISI No.102-Azure blue

B:-ISI No.101-Azure blue

C:-ISI No.103-Azure blue

D:-ISI No.104-Azure blue

Correct Answer:- Option-D

Question40:-Minimum number of plants to be observed in grow out test for 99.9 per



cent genetic purity is

A:-400

B:-1000

C:-4000

D:-8000

Correct Answer:- Option-C

Question41:-Why is parthenocarpic cucumber gaining popularity for polyhouse cultivation?

A:-It produces both male and female flowers, increasing fruit set

B:-It requires pollination, which improves fruit taste and shape

C:-It yields high-quality, seedless fruits with minimal pest issues under protected conditions

D:-It enables year round harvest of premium fruits through controlled pollination methods

Correct Answer:- Option-C

Question42:-Which one of the following statements is most appropriate with regard to spike shedding in black pepper?

i. Spike shedding is mainly observed due to early monsoon showers and excess pollination

ii. Irrigation during the second fortnight of March coupled with prophylactic spraying of fungicides can help reduce spike shedding

iii. Delayed pre-monsoon showers lead to predominance of female flowers on spikes, reducing pollination efficiency and increasing susceptibility to anthracnose, resulting in heavy spike shedding

iv. Excessive nitrogen fertilization induces spike shedding by promoting vegetative growth at the expense of reproductive development

A:-only iii

B:-only ii and iv

C:-only i and iv

D:-only ii and iii

Correct Answer:- Option-D

Question43:-Which of the following statement is correct?

A:-*Cymbopogon citratus* exhibits greater drought tolerance compared to *C.flexuosus*

B:-Thippali variety Viswam belongs to Assali type

C:-Commercial propagation of *Plumbago rosea* is carried out through seeds

D:-*Noorjahan* is a geranium variety

Correct Answer:- Option-A

Question44:-Among the following, choose the statement(s) that are accurate

- i. Pineapple attains ripeness-to-flower stage 11-12 months after planting
- ii. Pineapple, a long-day plant, is classified as a non-climacteric fruit
- iii. The mango inflorescence produces exclusively hermaphrodite flowers
- iv. Mango cultivar Amrapali is suitable for high density planting systems

A:-only i and iii

B:-only i and iv

C:-only ii, iii and iv

D:-only ii and iv

Correct Answer:- Option-B

Question45:-Identify the accurate statement(s) concerning coconut from the following

- i. Kalpa Suvarna is a tall coconut variety suitable for copra.
- ii. Seednuts are collected during December-May and require a minimum storage period of 100 days for tall and 75 days for dwarfs before sowing
- iii. Palms aged 8 to 25 years are generally unsuitable for intercropping or mixed cropping
- iv. Nuts fertilized in the post-monsoon season have higher oil and carbohydrate contents but lower kernel protein

A:-only i and ii

B:-only iii and iv

C:-only i, ii and iv

D:-all the above i, ii, iii and iv

Correct Answer:- Option-B

Question46:-At which maturity stage should tomatoes be harvested for long-distance transport?

A:-Breaker stage, with blossom ends turning pinkish

B:-Mature-green stage, where pulp around seeds is jelly-like and seeds slip away easily

C:-Ripe stage, with uniform rich red flesh and no green shoulders

D:-Overripe stage, with soft pulpy texture

Correct Answer:- Option-B

Question47:-From the options below, pick the statement(s) that correctly apply to Jackfruit

- i. Singapore jack is famous for production of off season fruits
- ii. Approach grafting is successful using 20 days old seedlings as rootstock and 2-3 weeks old shoot tips with tender leaves as scion
- iii. Jackfruit is botanically a sorosis
- iv. Tender jack fruit can be canned with optimized blanching (1 minute at 100°C) and pasteurization (90°C; F value 10)

A:-only ii and iii

B:-only iv

C:-only i and iii

D:-all the above i, ii, iii and iv

Correct Answer:- Option-D

Question48:-Select the statement(s) that is/are true from the following

- i. In ginger, the entire recommended nitrogen dose is applied as basal at planting.
- ii. The cardamom variety ICRI 2 belongs to Malabar cultivar group.
- iii. Nutmeg harvesting reaches its peak between September and December
- iv. In wetlands, turmeric can be rotated with crops like rice, sugarcane or banana every 3 to 4 years (IISR)

A:-(iv) is true (ii and iii) are false

B:-(i and ii) are true (iii) is false

C:-(i, ii, iii and iv) all are true

D:-(i) is false (ii and iv) are true

Correct Answer:- Option-A

Question49:-Choose the appropriate statement(s) that apply to cocoa

- i. Kerala accounts for the largest area under cocoa cultivation in India.
- ii. CCRP 17 is a drought tolerant cocoa variety
- iii. The dry recovery rate of cocoa ranges between 30% and 46%
- iv. Cocoa seed viability sharply declines within a week post-harvest, posing a critical challenge for seed propagation

A:-only (ii and iii)

B:-only (i and iv)

C:-only (iii and iv)

D:-All the above (i, ii, iii and iv)

Correct Answer:- Option-C

Question50:-Identify the correct statement(s) from the options given below :

- i. Arka Madhu is a photo-insensitive variety of French marigold
- ii. Recommended spacing for African marigold is 30 × 30 cm
- iii. Arka Sinchana is a red coloured double type gerbera
- iv. Calyx splitting is a physiological disorder of rose

A:-only (i)

B:-only (ii and iii)

C:-only (iv)

D:-only (i and iii)

Correct Answer:- Option-A

Question51:-Which of the following gardening is the method of growing special vegetable crops in relatively large quantities for distant markets by the employment of extensive methods

A:-Commercial gardening

B:-Amateur gardening

C:-Truck gardening

D:-Market gardening

Correct Answer:- Option-C

Question52:-Which of the following statement is/are correct?

i. The Indian Council of Agricultural Research has three major institutes for conducting

research on vegetables: IHR in Bangalore, IIVR at Varanasi and IARI in New Delhi

ii. In India, Agricultural and Processed Food Products Export Development Authority (APEDA)

is the nodal organisation to access the market, guide and promote export of agricultural

commodities

iii. The Ministry of food processing Industries has been offering appreciable economic

incentives to promote food parks in the country

iv. APEDA/Ministry of Commerce encourages and supports the establishing of Agri Export

Zones (AEZ)s

A:-only ii and iii

B:-only i, ii and iii

C:-only i, iii, iv

D:-all of the above (i, ii, iii, iv)

Correct Answer:- Option-D

Question53:-Tomato is a

A:-Short day plant

B:-Day neutral plant

C:-Long day plant

D:-None of the above

Correct Answer:- Option-B

Question54:-Process in which vegetables is treated with boiling water or steam for short period, followed by cooling in order to inactivate enzymes

A:-Blanching

B:-Sterilization

C:-Pasteurization

D:-Lye peeling

Correct Answer:- Option-A

Question55:-Seed rate of carrot

A:-3-4 kg/ha

B:-1 kg/ha

C:-7-8 kg/ha

D:-5-6 kg/ha

Correct Answer:- Option-D

Question56:-Optimum temperature for growth and tuberisation in potato

A:-15-25°C

B:-18-28°C

C:-20-30°C

D:-30-35°C

Correct Answer:- Option-C

Question57:-Identify the wrong statement given below :

- i. Flavour in cabbage leaves is due to the glycoside sinigrin.
- ii. *Momordica charantia* is propagated through seeds and is dioecious
- iii. In onion, odour, flavour and pungency is due to the presence of a volatile oil-allyl-propyl-disulphide
- iv. Okra is a typical tropical or sub-tropical crop and can tolerate frost

A:-only i and iii

B:-only ii and iv

C:-only ii, iii, iv

D:-only i and iv

Correct Answer:- Option-B

Question58:-Which of the following statement is/are correct regarding post-harvest deterioration of vegetables?

A:-There is a sudden rise in the rate of respiration just after the harvest and then it is gradually declined

B:-During post-harvest period, the chlorophylls are degraded and carotenoids are developed

C:-Enzymes activity is increased during post-harvest and storage period

D:-All of the above

Correct Answer:- Option-D

Question59:-Blanching in cauliflower is an essential operation to

A:-Protect the heads from sun burning and yellowing

B:-Curd may not lose part of the flavour

C:-Attractive appearance

D:-All of the above

Correct Answer:- Option-D

Question60:-What is the best temperature range for colour development in carrot?

A:-10-15.5°C

B:-15.5-21.1°C

C:-21.1-26.5°C

D:-26-30°C

Correct Answer:- Option-B

Question61:-There is a decrease in the demand for a commodity when the price of a substitute commodity increases

A:-True

B:-False

C:-Both

D:-None of the above

Correct Answer:- Option-B

Question62:-In a market with perfect competition, the firms are

A:-Price makers

B:-Price takers

C:-Both

D:-None of the above

Correct Answer:- Option-B

Question63:-\_\_\_\_\_ are the markets in which future sales and purchase of commodities take place at current time.

A:-Regional markets

B:-Cash markets

C:-Terminal markets

D:-Forward markets

Correct Answer:- Option-D

Question64:-In the demand function  $Q = f(P)$ , the variable P denotes

A:-Product

B:-Production

C:-Price

D:-Profit

Correct Answer:- Option-C

Question65:-The law of diminishing marginal utility was first proposed by

A:-Friedrich Gauss

B:-H.H. Gossen

C:-J.M. Keynes

D:-None of the above

Correct Answer:- Option-B

Question66:-In \_\_\_\_\_, the first have considerable control over product price.

A:-Monopoly

B:-Monopolistic

C:-Price monopoly

D:-Public monopoly

Correct Answer:- Option-A

Question67:-What is the meaning of the term economists use "*ceteris paribus*"

A:-All the variables are held constant

B:-All the other independent variables affecting the dependent variable are held constant

C:-Both of the above

D:-None of these

Correct Answer:- Option-B

Question68:-When the marketed surplus is more than marketable surplus of the farmers, the situation is termed as

A:-Surplus sale

B:-Deficit sale

C:-Distress sale

D:-None of the above

Correct Answer:- Option-C

Question69:-\_\_\_\_\_ avoids price risk, enables the trader to earn normal profits and facilitates financing of inventories

A:-Speculation

B:-Hedging

C:-Both

D:-None of these

Correct Answer:- Option-B

Question70:-When apples from Himachal Pradesh are transported to Kerala, \_\_\_\_\_ utility of apples increases.

A:-Form

B:-Time

C:-Possession

D:-Place

Correct Answer:- Option-D

Question71:-Which of the following statements is TRUE regarding natural regeneration?

A:-It involves the use of clonal planting stock

B:-It includes coppice and root sucker regeneration

C:-It requires pit making and transplanting

D:-It is always superior to artificial regeneration in plantation forestry

Correct Answer:- Option-B

Question72:-Match the following Shelterwood systems with their characteristics  
System feature

- |                   |                                |
|-------------------|--------------------------------|
| a. Uniform system | i. Strips removed sequentially |
| b. Group system   | ii. Regeneration in patches    |
| c. Strip system   | iii. Final removal in one step |

Which of the following is the correct match?

A:-a-iii, b-ii, c-i

B:-a-ii, b-i, c-iii

C:-a-i, b-iii, c-ii

D:-a-ii, b-iii, c-i

Correct Answer:- Option-A

Question73:-Which of the following statements best describes the 'Coppice with reserve system'?

A:-Entire stand is clear-felled without leaving any trees

B:-Selective mature trees are retained for seed dispersal

C:-Trees are harvested but some standards are left for multiple rotations

D:-Trees are pollarded before final harvest

Correct Answer:- Option-C

Question74:-Which of the following thinning regimes is correctly matched with its purpose?

- | Thinning Regime          | Purpose                                     |
|--------------------------|---|
| a. Mechanical            | i. Remove suppressed trees                  |
| b. Improvement           | ii. Based on spacing, regardless of quality |
| c. CCF (Close-to-nature) | iii. Promote structural diversity           |

A:-a-ii, b-i, c-iii

B:-a-i, b-ii, c-iii

C:-a-iii, b-ii, c-i

D:-a-ii, b-iii, c-i

Correct Answer:- Option-A

Question75:-Which of the following is NOT a component used in evaluating plantation site quality?

A:-Site Index

B:-Stand Basal Area

C:-Coppice Cycle Length

D:-Growing Stock Volume

Correct Answer:- Option-C

Question76:-Which of the following statements about forest classification is



CORRECT?

A:-Tropical thorn forests are found in areas with over 200 cm of rainfall

B:-Moist deciduous forests shed their leaves in the dry season to conserve water

C:-Alpine forests are confined to coastal regions of peninsular India

D:-Evergreen forests are dominant in semi-arid regions of India

Correct Answer:- Option-B

Question77:-Assertion (A) : Pruning helps to improve the quality of timber.

Reason (R) : Pruning increases the number of branches on the tree

Choose the correct option :

A:-Both A and R are true, and R is the correct explanation of A

B:-Both A and R are true, but R is not the correct explanation of A

C:-A is true, but R is false

D:-A is false, but R is true

Correct Answer:- Option-C

Question78:-Refer to the following table on types of thinning and identify the type described

Type	Description
A	Removal of dominant trees to favour suppressed ones
B	Removal of weak, suppressed trees
C	Systematic removal in rows or strips

Which type represents Mechanical Thinning?

A:-Type A

B:-Type B

C:-Type C

D:-None of the above

Correct Answer:- Option-C

Question79:-Statement I : Latitude influences the duration and intensity of light received by forest

vegetation

Statement II : Higher latitudes receive more solar radiation throughout the year

Which of the following is correct?

A:-Both statements are true

B:-Both statements are false

C:-Statement I is true; Statement II is false

D:-Statement I is false; Statement II is true

Correct Answer:- Option-C

Question80:-Statement I : Light influences the height and diameter of trees

Statement II : Wind has no role in the shape of crown or bole form of trees

Choose the correct option:

A:-Both statements are correct

B:-Statement I is correct, Statement II is incorrect

C:-Statement I is incorrect, Statement II is correct

D:-Both statements are incorrect

Correct Answer:- Option-B

Question81:-Consider the statements for *Tectona grandis*

Statement I : Teak grows well under soils having a pH ranging from 6.5 to 7.5

Statement II : Incidence of fire causes hollowness at the bottom the stem

Statement III : Occurrence of *Dendrocalamus strictus* indicates a site suitable for teak

plantation

Choose the correct statement/s

A:-Statement I, II and III

B:-Only Statement II and III

C:-Only Statement I and III

D:-Only Statement I and II

Correct Answer:- Option-A

Question82:-Consider the statements for *Santalum album*

Statement I : Sandal wood is an obligatory root parasite

Statement II : Natural regeneration occurs in the open condition

Statement III : Dispersal of seeds is mainly brought about by birds

Choose the correct statement/s

A:-Statement I, II and III

B:-Only statement II and III

C:-Only Statement I and III

D:-Only Statement I and II

Correct Answer:- Option-C

Question83:-Consider the statements for : the growth of *Casuarina equisetifolia* becomes unhealthy in the following condition

Statement I : Clayey soil

Statement II : Poorly drained soil

Statement III : Soils with low water table

Choose the correct statement/s

A:-Statement I, II and III

B:-Statement I and III

C:-Statement II and III

D:-Statement I only

Correct Answer:- Option-A

Question84:-Consider the statements for : silvicultural characters of *Dalbergia*

*sissoo*

Statement I : Strong light demander

Statement II : Seedlings are drought tolerant

Statement III : It is a poor coppicer

Choose the correct statement/s

A:-Statement I, II and III

B:-Statement I and III

C:-Statement II and III

D:-Statement I only

Correct Answer:- Option-D

Question85:-Katha and cutch is obtained from

A:-*Shorea rubusta*

B:-*Anogeissu latifolia*

C:-*Acacia catechu*

D:-*Dalbergia sissoo*

Correct Answer:- Option-C

Question86:-Agroforestry enhances farm income through

A:-Competition

B:-Allelopathy

C:-Sustained productivity

D:-Complementary

Correct Answer:- Option-C

Question87:-The Taungya is one of the examples for

A:-Agri Silvicultural System

B:-Agrisilvipastoral system

C:-Silvipastoral system

D:-Shelterbelts

Correct Answer:- Option-A

Question88:-Agroforestry system which is satisfying the basic needs of the farmers and manage by himself

A:-Subsistence

B:-Intermediate

C:-Commercial

D:-Co subsistence

Correct Answer:- Option-A

Question89:-Planting pattern where an extra plant is planted at the centre of square of four plants is

A:-Quincunx planting

B:-Square planting

C:-Triangular planting

D:-Rectangular planting

Correct Answer:- Option-A

Question90:-Number of animals that are allowed to graze per unit area is fixed in accordance with carrying capacity is known as

A:-Controlled grazing

B:-Continuous grazing

C:-Deferred grazing

D:-Periodic grazing

Correct Answer:- Option-A

Question91:-The volume tables are combined from DBH alone is called

A:-General volume table

B:-Regional volume table

C:-Local volume table

D:-Standard volume table

Correct Answer:- Option-C

Question92:-Age of trees with annual rings determined by

A:-Sweedish bark gauge

B:-Wheeler penta prism

C:-Presslers increment borer

D:-Blume leiss hypsometer

Correct Answer:- Option-C

Question93:-The instrument Wedge prism is mainly used in

A:-Plot sampling

B:-Horizontal point sampling

C:-Vertical point sampling

D:-All of these

Correct Answer:- Option-A

Question94:-In bamboo forest the system of sampling adopted was

A:-Multistage sampling

B:-Multiphase sampling

C:-Sequential

D:-Random

Correct Answer:- Option-B

Question95:-The instrument which is used to measure diameter at any convenient height is

- A:-Age and growth
- B:-Diameter and growth
- C:-Height and diameter
- D:-Height, diameter and volume

Correct Answer:- Option-A

Question96:-Isolation trenches are dug up to prevent

- A:-Root disease
- B:-Hear rot
- C:-Foliar diseases
- D:-Damping off

Correct Answer:- Option-A

Question97:-The essential micro nutrient is

- A:-Calcium
- B:-Magnesium
- C:-Iron
- D:-Zinc

Correct Answer:- Option-D

Question98:-Rajaji National Park is mainly associated for the protection of

- A:-Deer
- B:-Migratory birds
- C:-Elephants
- D:-Tigers

Correct Answer:- Option-C

Question99:-An animal that feeds on fruits is called as

- A:-Carnivorus
- B:-Herbivorus
- C:-Frugivorus
- D:-Omnivorus

Correct Answer:- Option-C

Question100:-The peeling of bark in matured trees of casuarinas is caused by

- A:-Virus
- B:-Fungi
- C:-Birds
- D:-Rodents

Correct Answer:- Option-B