

Banaras Hindu University

Question Paper Name: 473 23rd May 2019 Shift 2
Subject Name: 473
Creation Date: 2019-05-23 18:23:28
Duration: 120
Total Marks: 360
Display Marks: Yes
Share Answer Key With Delivery Engine: Yes
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MSc Agroforestry

Group Number : 1
Group Id : 65898817
Group Maximum Duration : 0
Group Minimum Duration : 120
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 360

MSc Agroforestry

Section Id : 65898817
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 120
Number of Questions to be attempted: 120
Section Marks: 360
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 65898817
Question Shuffling Allowed : Yes

**Question Number : 1 Question Id : 6589881781 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes**

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Application of silvical knowledge in management of a forest stand is called :

Options :

1. Forestry

2. Forest management
3. Silviculture
4. Forest ecology

Question Number : 2 Question Id : 6589881782 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The headquarter of World Agroforestry Centre is located at :

Options :

1. Dehradun, India
2. Jhansi, India
3. Florida, USA
4. Nairobi, Kenya

Question Number : 3 Question Id : 6589881783 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The volume of a tree is exponentially related to its :

Options :

1. Height
2. Diameter
3. Basal area
4. Form

Question Number : 4 Question Id : 6589881784 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The resultant crop in most of the shelter-wood systems is :

Options :

1. Evenaged
2. Regular unevenaged
3. Irregular unevenaged
4. All aged

Question Number : 5 Question Id : 6589881785 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The best suited high forest silvicultural system for catchment area is :

Options :

1. Clearfelling system
2. The uniform system
3. The selection system
4. Coppice with reserve system

Question Number : 6 Question Id : 6589881786 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The best indicator of tree vitality is the activity of its :

Options :

1. Bark
2. Xylem
3. Phloem
4. Cambium

Question Number : 7 Question Id : 6589881787 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The rate of change in stem diameter with height on a tree is called :

Options :

1. Crown depth
2. Form factor
3. Form quotient
4. Taper

Question Number : 8 Question Id : 6589881788 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The sinker roots in trees are :

Options :

1. Positropic
2. Negatropic
3. Diatropic
4. Mixed roots

Question Number : 9 Question Id : 6589881789 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which type of meristem is the cambium ?

Options :

1. Terminal
2. Apical
3. Lateral
4. Intercalary

Question Number : 10 Question Id : 6589881790 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The organisms inhabiting sites that are neither decidedly wet nor decidedly dry are referred to as :

Options :

1. Mesophyte
2. Hydrophyte
3. Eremophyte
4. Sclerophyte

Question Number : 11 Question Id : 6589881791 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The diameter corresponding to the mean basal area of trees is called :

Options :

1. Crop basal area
2. Arithmetic mean diameter
3. Mean girth
4. Quadratic mean diameter

Question Number : 12 Question Id : 6589881792 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Generally, the closeness of computations or estimates to the true values is referred to as :

Options :

1. Precision
2. Accuracy
3. Bias

4. Deviation

Question Number : 13 Question Id : 6589881793 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is not the measure of central tendency ?

Options :

1. Mean
2. Range
3. Median
4. Mode

Question Number : 14 Question Id : 6589881794 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The Hoppus foot volume of a log measuring 192 inches girth and 10 feet length
would be :

Options :

1. 10
2. 40
3. 160
4. 640

Question Number : 15 Question Id : 6589881795 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A species having male and female flowers on different plants is called :

Options :

1. Hermaphrodite
2. Heteroecious

3. Dioecious
4. Monoecious

Question Number : 16 Question Id : 6589881796 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The practice of forestry so as to obtain a high level of volume and quality
output per unit area using best techniques of silviculture and management is
called :

Options :

1. Intensive forestry
2. Commercial forestry
3. Extensive forestry
4. Industrial forestry

Question Number : 17 Question Id : 6589881797 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The establishment of tree crop on an area from which it has been always or
very long been absent is termed as :

Options :

1. Reforestation
2. Afforestation
3. Forestation
4. Social forest

Question Number : 18 Question Id : 6589881798 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The measure of the rate i.e. the speed of germination in seeds, spores or pollen grains is called :

Options :

1. Germinative capacity
2. Germination percent
3. Viability
4. Germinative energy

Question Number : 19 Question Id : 6589881799 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The best known and most inhibitory substance of germination is the :

Options :

1. Auxin
2. Gibberellin
3. Cytokinin
4. Abscisic Acid

Question Number : 20 Question Id : 6589881800 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A parasite incapable of existing independently of a host is :

Options :

1. Obligate parasite
2. Saprophyte
3. Facultative parasite
4. Alternate host

Question Number : 21 Question Id : 6589881801 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A young tree, from the time its lower branches begin to die, up to the time when rate of height growth begins to slow down and crown expansion becomes marked is classed as :

Options :

1. Seedling
2. Sapling
3. Pole
4. Tree

Question Number : 22 Question Id : 6589881802 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The nitrogen fixation in *Alnus nepalensis* is attributed to :

Options :

1. Rhizobium
2. Frankia
3. Azotobacter
4. Azospirillum

Question Number : 23 Question Id : 6589881803 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is the measure of dispersion about the mean of a population ?

Options :

1. Range
2. Minimum mean deviation

3. Variance
4. Standard error

Question Number : 24 Question Id : 6589881804 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is 1 : 1 type of clay mineral with low CEC ?

Options :

1. Kaolinite
2. Montmorillonite
3. Illite
4. Nontronite

Question Number : 25 Question Id : 6589881805 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is the fruit ripening phytohormone ?

Options :

1. Auxin
2. Cytokinin
3. Florigin
4. Ethylene

Question Number : 26 Question Id : 6589881806 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The radiation responsible for dwarfing effect is the :

Options :

1. Infrared radiation

2. Terrestrial radiation
3. Ultraviolet radiation
4. Red light

Question Number : 27 Question Id : 6589881807 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The method of extracting fibre from stems and branches of a plant is technically known as :

Options :

1. Beating
2. Reeling
3. Pulping
4. Retting

Question Number : 28 Question Id : 6589881808 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The local volume tables are constructed based on tree :

Options :

1. Height only
2. Diameter only
3. Form only
4. All the height, diameter and form

Question Number : 29 Question Id : 6589881809 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The standard Breast Height for tree diameter measurement of international adherence is :

Options :

1. 1.30 m
2. 1.37 m
3. collar height
4. Any convenient height

Question Number : 30 Question Id : 6589881810 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The tree age from annual rings is determined with the help of :

Options :

1. Bark guage
2. Relascope
3. Biltmore stick
4. Increment Borer

Question Number : 31 Question Id : 6589881811 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which Indian system of medicine and homeopathy (ISM & H) use maximum number of plant species ?

Options :

1. Ayurveda
2. Siddha
3. Unani

4. Amchi

Question Number : 32 Question Id : 6589881812 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The major and domesticated honey bee is :

Options :

1. *Apis cerana*
2. *Bombyx mori*
3. *Apis mellifera*
4. *Apis dorsata*

Question Number : 33 Question Id : 6589881813 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

For a given perimeter, the shape of plot enclosing maximum area is :

Options :

1. Rectangular
2. Square
3. Circular
4. Shape doesn't matter

Question Number : 34 Question Id : 6589881814 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The angle formed between magnetic north and true north in compass is

referred to as :

Options :

1. Magnetic bearing

2. Magnetic declination
3. Magnetic azimuth
4. Isogon

Question Number : 35 Question Id : 6589881815 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The original plant, from which a group of plants derived vegetatively is called

as :

Options :

1. Clone
2. Ramet
3. Ortet
4. None of the three

Question Number : 36 Question Id : 6589881816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A group of individuals within a family is referred to as :

Options :

1. Progeny
2. Race
3. Population
4. Siblings

Question Number : 37 Question Id : 6589881817 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

During fertilization, usually the gametes are :

Options :

1. Diploid
2. Haploid
3. Polyploid
4. Hexaploid

Question Number : 38 Question Id : 6589881818 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The mating of a hybrid with one of its parents is called :

Options :

1. Out-cross
2. Single cross
3. Double cross
4. Back cross

Question Number : 39 Question Id : 6589881819 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The equilibrium or normal distribution in a population can be tested by :

Options :

1. 'F' test
2. Chi-square
3. 't' test
4. Contrast comparison

Question Number : 40 Question Id : 6589881820 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The resource allocation (optimum number of trees) in an agroforestry system is decided based on :

Options :

1. Principle of equimarginality
2. Law of diminishing return
3. Adaptability to site
4. Management considerations

Question Number : 41 Question Id : 6589881821 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The unit of heredity is :

Options :

1. Chromosome
2. Cytoplasm
3. Gene
4. Allele

Question Number : 42 Question Id : 6589881822 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The chemical agent to induce polyploidy is :

Options :

1. Cycocel
2. Sulfosulfuron
3. Indole Acetic Acid
4. Colchicine

Question Number : 43 Question Id : 6589881823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Poplar based agroforestry system is :

Options :

1. Subsistent type
2. Commercial type
3. Intermediate
4. Comminatory type

Question Number : 44 Question Id : 6589881824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A non-wood forest produce and wood substitute is :

Options :

1. Resin
2. Gums
3. Bamboos
4. Fibre

Question Number : 45 Question Id : 6589881825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

When a plant or organism releases a natural product into the environment that
reduces or enhance the survival or growth of neighbouring plant is referred to
as :

Options :

1. Allelopathy
2. Mutual cooperation

3. Competition

4. Physical interference

Question Number : 46 Question Id : 6589881826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The available soil water to the plants ranges between :

Options :

1. -0.1 to -0.3 bars

2. -0.3 to -15.0 bars

3. -0.3 to -31.0 bars

4. -15.0 to -31.0 bars

Question Number : 47 Question Id : 6589881827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The seed moisture content for longer storage has to be in :

Options :

1. Recalcitrant species

2. Species inhabiting damp sites

3. Non flowering plant species

4. Orthodox species

Question Number : 48 Question Id : 6589881828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Most of the incident net radiation is utilized for :

Options :

1. Photosynthesis

2. Sensible heat loss
3. Ground & Foliage storage
4. Latent heat in ET

Question Number : 49 Question Id : 6589881829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The difference between the vapour pressure of saturated air at a given temperature and the existing vapour pressure is referred to as :

Options :

1. Humidity
2. Relative humidity
3. Vapour pressure deficit
4. Dew-point

Question Number : 50 Question Id : 6589881830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Five treatments replicated four times in a complete randomized design, the error degree of freedom will be :

Options :

1. 15
2. 12
3. 4
4. 3

Question Number : 51 Question Id : 6589881831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The randomization is confined to allotment of all treatments within each of the several blocks in :

Options :

1. Incomplete Block Design
2. Randomized Complete Block Design
3. Latin-square Design
4. Completely Randomized Design

Question Number : 52 Question Id : 6589881832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Dry land as percent of total cropped area in the country constitute about :

Options :

1. 20-25%
2. 40-45%
3. 60-65%
4. 80-85%

Question Number : 53 Question Id : 6589881833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The integration of farm enterprises for optimum utilization of resources is termed as :

Options :

1. Farming system
2. Cropping system
3. Cropping pattern
4. Organic farming

Question Number : 54 Question Id : 6589881834 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The specific surface area (m^2/g dry soil) is maximum of :

Options :

1. Clay particles
2. Silt particles
3. Fine sand
4. Coarse sand

Question Number : 55 Question Id : 6589881835 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following does not recognize the soil structure ?

Options :

1. Platy
2. Prismatic
3. Blocky
4. Clay-loam

Question Number : 56 Question Id : 6589881836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The calcium carbonate equivalent (CCE) of liming material is highest of :

Options :

1. MgCO_3
2. CaO
3. $\text{CaMg}(\text{CO}_3)_2$

4. $CaSiO_3$

Question Number : 57 Question Id : 6589881837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The earthworms, soil organism classified as :

Options :

1. Microflora
2. Microfauna
3. Macroflora
4. Macrofauna

Question Number : 58 Question Id : 6589881838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The ratio of volume of water present in soil to the volume of pores is called :

Options :

1. Porosity
2. Gravimetric water content
3. Degree of saturation
4. Volumetric water content

Question Number : 59 Question Id : 6589881839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The particle size distribution of soil is referred to as :

Options :

1. Soil structure
2. Soil texture

3. Aggregation

4. Soil permeability

Question Number : 60 Question Id : 6589881840 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Any amount of rainfall will be effective rain, when :

Options :

1. Soil moisture is at PWP
2. Available soil water deficit is less than rainfall
3. Available soil water deficit is more than rainfall
4. Soil moisture is at field capacity

Question Number : 61 Question Id : 6589881841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The "Golden Revolution" in India refers to :

Options :

1. Food grain production
2. Fish production
3. Oil Seeds production
4. Fruit production

Question Number : 62 Question Id : 6589881842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

India ranks first in the world in production of :

Options :

1. Rice

2. Sugarcane
3. Jute and allied fibers
4. Cotton (Lint)

Question Number : 63 Question Id : 6589881843 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The atmospheric circulation from subtropical ($>30^\circ$ N & S) high pressure towards the low pressure at equator is called :

Options :

1. Trade wind
2. Westerlies
3. Polar easterlies
4. Middle latitude westerlies

Question Number : 64 Question Id : 6589881844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The ratio of the amount of water vapours in air as a percent of that can be held to saturate air at same temperature is called :

Options :

1. Saturation vapour pressure
2. Relative humidity
3. Specific humidity
4. Absolute humidity

Question Number : 65 Question Id : 6589881845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The National Bureau of Soil Survey and Land Use Planning of ICAR has divided India in Agro-ecological regions numbering :

Options :

1. 4
2. 6
3. 15
4. 20

Question Number : 66 Question Id : 6589881846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The ratio of economic yield to total biological yield of a plant species is an indicator of :

Options :

1. Photosynthetic efficiency
2. Respiratory losses
3. Source-Sink relationship
4. Dwarfism

Question Number : 67 Question Id : 6589881847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

"The yield of a crop is inversely proportional to its nitrogen content", law was postulated by :

Options :

1. Mitscherlich
2. Wilcox
3. Baule

4. Roger Bray

Question Number : 68 Question Id : 6589881848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

"Sow with wisdom, reap the harvest", is related to the :

Options :

1. Optimum time of sowing
2. Crop and varietal selection
3. Nutrient management
4. Water management

Question Number : 69 Question Id : 6589881849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Plants absorb phosphorus in the form of :

Options :

1. H_3PO_4
2. H_2PO_4^-
3. HPO_4^{--}
4. Both H_2PO_4^- and HPO_4^{--}

Question Number : 70 Question Id : 6589881850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Denitrification is mediated by :

Options :

1. Nitrosomonas

2. Nitrobacter
3. Pseudomonas
4. Rhizobium

Question Number : 71 Question Id : 6589881851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

An instrument designed to measure both the wind speed and its direction is
named as :

Options :

1. Wind vane
2. Anemometer
3. Anemovane
4. Psychrometer

Question Number : 72 Question Id : 6589881852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The horizontal transfer of any atmospheric property by wind is :

Options :

1. Convection
2. Advection
3. Anticyclone
4. Angular momentum

Question Number : 73 Question Id : 6589881853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

An object that absorbs all of the incident radiation is referred to as :

Options :

1. Imperfact body
2. White body
3. Refractory body
4. Black body

Question Number : 74 Question Id : 6589881854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The accumulation of daily and seasonal events over a long period of time is called :

Options :

1. Climate
2. Weather
3. Climatic optimum
4. Climate change

Question Number : 75 Question Id : 6589881855 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The emission from the earth surface is often called :

Options :

1. Shortwave radiation
2. Infrared radiation
3. Ultraviolet radiation
4. Visible radiation

Question Number : 76 Question Id : 6589881856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Weeds do not compete with crop plants for :

Options :

1. Light
2. Water and Nutrients
3. Temperature
4. Carbon dioxide

Question Number : 77 Question Id : 6589881857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The chemical formulations used to control woody (trees & shrubs) vegetation
are known as :

Options :

1. Herbicides
2. Acaricides
3. Ovicides
4. Arboricides

Question Number : 78 Question Id : 6589881858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Most of the Ozone (O₃) is found in :

Options :

1. Toposphere
2. Stratosphere

3. Mesosphere

4. Thermosphere

Question Number : 79 Question Id : 6589881859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

At given pressure and water vapour content, the temperature to which air must
be cooled for saturation to occur is called :

Options :

1. Equilibrium temperature

2. Frost temperature

3. Dew-point temperature

4. Absolute temperature

Question Number : 80 Question Id : 6589881860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

For a pesticide, the time needed for decomposition into non-toxic compounds
ranging one to six months, its persistence is categorized as :

Options :

1. Very persistent

2. Moderately persistent

3. Persistent

4. Slightly persistent

Question Number : 81 Question Id : 6589881861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Ozone in atmosphere selectively absorbs incoming :

Options :

1. Ultraviolet radiation
2. Visible radiation
3. Infrared radiation
4. Terrestrial radiation

Question Number : 82 Question Id : 6589881862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Both salt and ester forms of 2, 4-D is a :

Options :

1. Selective contact herbicide
2. Selective systemic herbicide
3. Non-selective contact herbicide
4. Non-selective systemic herbicide

Question Number : 83 Question Id : 6589881863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is an organic fertilizer ?

Options :

1. Borax
2. Ammonium sulphate
3. Diammonium phosphate
4. Urea

Question Number : 84 Question Id : 6589881864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In sulfur deficient soils, it is better to use :

Options :

1. Ammonium phosphate
2. Ammonium chloride
3. Ammonium sulfate
4. Diammonium phosphate

Question Number : 85 Question Id : 6589881865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Controlling the *Opuntia* spp. by moth borer (*Cactoblastis cactorum*) is an example

of :

Options :

1. Cultural control
2. Biological control
3. Chemical control
4. Integrated pest management

Question Number : 86 Question Id : 6589881866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The major source of methane to the atmosphere from agricultural field would

be :

Options :

1. Aerobic crop field
2. Rice paddies

3. An agroforest
4. Dry fallow field

Question Number : 87 Question Id : 6589881867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The climatic variables having negative correlation with each other are :

Options :

1. ET and Temperature
2. Rain and Cloud Cover
3. Humidity and Temperature
4. ET and Cloud Cover

Question Number : 88 Question Id : 6589881868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is the variety of Guava ?

Options :

1. Sardar (Lucknow-49)
2. Rose Scented
3. Pant Lohit
4. Safeda Lucknow

Question Number : 89 Question Id : 6589881869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

"Urvashi" is a variety of :

Options :

1. Toria
2. Gram
3. Rai
4. Wheat

Question Number : 90 Question Id : 6589881870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The irreversible change from normal in all climatic parameters (i.e. temperature, precipitation, wind conditions, atm. humidity, clouds, atm. pressure etc) at least for considerably longer period, is appropriately termed as :

Options :

1. Climate change
2. Global warming
3. Climate variability
4. Climatic aberation

Question Number : 91 Question Id : 6589881871 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The hydrolytic decomposition of proteins and release of amines and aminoacids during mineralization of organic nitrogenous compound is referred to as :

Options :

1. Nitrification
2. Ammonification

3. Aminization

4. Denitrification

Question Number : 92 Question Id : 6589881872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The highest percentage of nitrogen is found in :

Options :

1. Urea

2. Dried blood

3. Ammonium nitrate

4. Anhydrous ammonia

Question Number : 93 Question Id : 6589881873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The green house gas with highest global warming potential is :

Options :

1. Carbon dioxide

2. Sulfur hexafluoride

3. Methane

4. Nitrous oxide

Question Number : 94 Question Id : 6589881874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The global fresh water resource as a percent of total resource is :

Options :

1. 2.5%
2. 5.5%
3. 10.5%
4. 15.5%

Question Number : 95 Question Id : 6589881875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The surface that will have highest albedo is :

Options :

1. Forest canopy
2. Bare soil
3. Clouds
4. Fresh snow

Question Number : 96 Question Id : 6589881876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Atmosphere near earth surface is composed of highest percent (by volume) of :

Options :

1. Carbon dioxide
2. Nitrogen
3. Oxygen
4. Hydrogen

Question Number : 97 Question Id : 6589881877 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The cheapest strategy to minimize addition and concentration of Green House Gases (GHGs) to atmosphere is :

Options :

1. Capture
2. Substitution
3. Sequestration
4. Displacement

Question Number : 98 Question Id : 6589881878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The percent of fresh water used for agriculture is nearly :

Options :

1. 30%
2. 50%
3. 70%
4. 90%

Question Number : 99 Question Id : 6589881879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The temperature at which molecular motion and physiological processes cease is :

Options :

1. Absolute zero temperature
2. Freezing point
3. -273°F

4. -460°C

Question Number : 100 Question Id : 6589881880 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The climate of a small area ranging from few acres to several square kilometers will be called :

Options :

1. Micro-climate
2. Meso climate
3. Macro-climate
4. Regional climate

Question Number : 101 Question Id : 6589881881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The alternate bearing is the problem in :

Options :

1. Guava
2. Mango
3. Citrus
4. Litchi

Question Number : 102 Question Id : 6589881882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The CO_2 -compensation point is higher in :

Options :

1. C_3 -species

2. C₄-species
3. CAM plants
4. Same in all

Question Number : 103 Question Id : 6589881883 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The correlation coefficient of independent (x) and dependent(y) variables may range :

Options :

1. Zero to +1.0
2. Zero to -1.0
3. -1.0 to +1.0
4. Zero to +10.0

Question Number : 104 Question Id : 6589881884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The most important soil groups for agriculture in India are :

Options :

1. Alluvial and Red soils
2. Alluvial and Black Cotton soils
3. Alluvial and Lateritic soils
4. Black Cotton and Red soils

Question Number : 105 Question Id : 6589881885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

An area in sub-humid region with no irrigation facility is called :

Options :

1. Dry land area
2. Rainfed area
3. Wasteland
4. Wet area

Question Number : 106 Question Id : 6589881886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

"Rotation of the land", is the basic concept of :

Options :

1. Monocropping
2. Crop-rotation
3. Mixed cropping
4. Jhooming/Shifting cultivation

Question Number : 107 Question Id : 6589881887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Zero-competition among component crop species is in :

Options :

1. Haphazard cropping
2. Inter-cropping
3. Parallel cropping
4. Mixed-cropping

Question Number : 108 Question Id : 6589881888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The vegetative propagation of *Oxalis latifolia* occurs through :

Options :

1. Bulb
2. Runners
3. Tubers
4. Stems

Question Number : 109 Question Id : 6589881889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which nutrient is helpful in increasing the hydraulic conductivity of soil ?

Options :

1. K
2. Mg
3. Ca
4. Mn

Question Number : 110 Question Id : 6589881890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which part of root cells is barrier for movement to inner part of cell ?

Options :

1. Plasma Lemma
2. Edodermis
3. Cortex

4. Pericycle

Question Number : 111 Question Id : 6589881891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Flame-photometer is used for the estimation of :

Options :

1. Potassium
2. Nitrogen
3. Phosphorous
4. Organic carbon

Question Number : 112 Question Id : 6589881892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is an example of day-neutral plant ?

Options :

1. Soybean
2. Wheat
3. Tomato
4. Sugarcane

Question Number : 113 Question Id : 6589881893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Water used in evapotranspiration (ET) and metabolic activities in plants together is called :

Options :

1. Conjunctive-use

2. Consumptive-use
3. Water-use
4. Non-ET-use

Question Number : 114 Question Id : 6589881894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In photosynthesis, the total incident radiant energy converted into chemical energy ranges from :

Options :

1. 1-2%
2. 40-50%
3. 60-70%
4. More than 90%

Question Number : 115 Question Id : 6589881895 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The surface (land) area drained through a common outlet is referred to as :

Options :

1. Watershed
2. Catchment
3. Basin
4. All of the three

Question Number : 116 Question Id : 6589881896 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If, X = photosynthesis is an oxidation reduction process and Y = photosynthesis consists of two (i.e. light dependent and other light independent) processes, then :

Options :

1. Both X and Y are false
2. X is true but Y is false
3. Both X and Y are true
4. X is false but Y is true

Question Number : 117 Question Id : 6589881897 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which statement about Dark-respiration is not true ? That it occurs :

Options :

1. Both in cytoplasm & mitochondria
2. in all living cells
3. in dark only
4. to produce several ATPs

Question Number : 118 Question Id : 6589881898 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Most crop-fields exhibit/are managed with :

Options :

1. Natural environment
2. Modified natural environment
3. Artificial environment

4. Controlled environment

Question Number : 119 Question Id : 6589881899 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In universal soil loss equation ($A = R \times K \times LS \times CP$), K stands for :

Options :

1. Rainfall Erosivity factor
2. Soil Erodability factor
3. Erosion control factor
4. Soil cover and management factor

Question Number : 120 Question Id : 6589881900 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Basipetally polar movement in plants is observed for :

Options :

1. Ethylene
2. Gibberellins
3. Cytokinins
4. Auxins