

Banaras Hindu University

Question Paper Name: 750
Subject Name: 750
Creation Date: 2019-07-16 12:30:08
Duration: 120
Total Marks: 300
Display Marks: Yes
Share Answer Key With Delivery Engine: Yes
Actual Answer Key: Yes

RET_Plant_Physiology

Group Number : 1
Group Id : 1982364
Group Maximum Duration : 0
Group Minimum Duration : 120
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 300

Methodology

Section Id : 1982367
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 40
Number of Questions to be attempted: 40
Section Marks: 120
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 1982367
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 198236301 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 one of the following is non-probability sampling :

Options :

1. Snowball

2. Random
3. Cluster
4. Stratified

Question Number : 2 Question Id : 198236302 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 systematic step-by-step procedure following logical process of reasoning" is called :

Options :

1. Experiment
2. Scientific method
3. Observation
4. Deduction

Question Number : 3 Question Id : 198236303 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

"Reasoning from general to particular" is called :

Options :

1. Induction
2. Observation
3. Deduction
4. Experience

Question Number : 4 Question Id : 198236304 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

Example of fact finding study is :

Options :

1. Pure research
2. Survey
3. Action research
4. Long term research

Question Number : 5 Question Id : 198236305 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 primary data ?

Options :

1. Book
2. Journal
3. Interview
4. Census report

Question Number : 6 Question Id : 198236306 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 Hypothesis which develops while planning the research is :

Options :

1. Null Hypothesis
2. Descriptive Hypothesis
3. Relational Hypothesis
4. Working Hypothesis

Question Number : 7 Question Id : 198236307 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

Hypothesis testing is *not* required in case of :

Options :

1. Descriptive research design
2. Experimental Design
3. Ex-post facto Design
4. Ex-post facto

Question Number : 8 Question Id : 198236308 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 value of the variable for a particular individual is called as :

Options :

1. Variate
2. Data
3. Sample
4. Variable

Question Number : 9 Question Id : 198236309 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 acceptable probability level for accuracy of agricultural field experiments is :

Options :

1. 0.01
2. 0.05
3. 0.10
4. 0.015

Question Number : 10 Question Id : 198236310 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 minimum degree of freedom required to detect the given difference at 5% level of significance is :

Options :

1. 20
2. 15
3. 12
4. 25

Question Number : 11 Question Id : 198236311 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 error degree of freedom in randomized complete block design with 10 treatments and 4 replications will be :

Options :

1. 40
2. 36
3. 30
4. 27

Question Number : 12 Question Id : 198236312 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 design suited for factorial experiments involving two factors and both requiring larger plots is :

Options :

1. CRD
2. RBD
3. Split Plot
4. Strip Plot

Question Number : 13 Question Id : 198236313 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 the data following binominal distribution and expressed in decimal or percentage, the transformation to be used is :

Options :

1. Square root
2. Logarithmic
3. Arcsine
4. No transformation

Question Number : 14 Question Id : 198236314 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 factorial experiments, if there are n factors and p levels, it is designated as :

Options :

1. p^n
2. n^p
3. Both p^n & n^p
4. $n \times p$

Question Number : 15 Question Id : 198236315 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

Reduction in the experimental error with heterogenous material requires :

Options :

1. More replications
2. Use of randomization
3. Use of local control technique
4. More replications and use of local control technique

Question Number : 16 Question Id : 198236316 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

PERT is :

Options :

1. Event oriented
2. Activity oriented
3. Programme oriented
4. Plan oriented

Question Number : 17 Question Id : 198236317 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 distance between first quartile and third quartile indicates a range of measurement :

Options :

1. 50% of the items
2. 25% of the items
3. 60% of the items
4. 75% of the items

Question Number : 18 Question Id : 198236318 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

Mean deviation is minimum when deviations are taken from :

Options :

1. mean
2. median
3. mode
4. zero

Question Number : 19 Question Id : 198236319 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

Stratified sampling comes under the category of :

Options :

1. unrestricted sampling
2. subjective sampling
3. purposive sampling
4. restricted sampling

Question Number : 20 Question Id : 198236320 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 test was given twice to the same group. The coefficient of correlation between the scores of the two administrations was 0.90. The association refers to :

Options :

1. Reliability
2. Validity
3. both reliability and validity
4. not related to reliability and validity

Question Number : 21 Question Id : 198236321 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

Ratio measurement has :

Options :

1. Absolute zero
2. Arbitrary zero
3. No zero

4. Infinity

Question Number : 22 Question Id : 198236322 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 data obtained through ordinal scale is best suited for :

Options :

1. parametric tests
2. non parametric tests
3. parametric and non parametric tests
4. higher order mathematical tests

Question Number : 23 Question Id : 198236323 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 case of split-plot, the accuracy of estimates after confounding in sub-plots increases for :

Options :

1. main plot treatments
2. all sub-plot treatments
3. all sub-plot treatments except those confounded
4. no treatment

Question Number : 24 Question Id : 198236324 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

Important characteristics of correlation are :

Options :

1. magnitude, direction and significance
2. magnitude and direction

3. direction only
4. magnitude only

Question Number : 25 Question Id : 198236325 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 main technical function of Research Design is to control variance through :

Options :

1. MAXIMINCON principles
2. Minimizing error of measurement
3. Controlling variance of unwanted variables
4. Maximizing variance of variables

Question Number : 26 Question Id : 198236326 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

Agropedia was launched as a part of :

Options :

1. NATP project
2. NAIP Project
3. IVLP Project
4. ATMA project

Question Number : 27 Question Id : 198236327 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 one of the following represents the best estimate of the population mean ?

Options :

1. The sample means

2. The mean of several sample means
3. The mode of several sample means
4. The median of several sample means

Question Number : 28 Question Id : 198236328 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 you draw 100 samples from a population and plot all their means as a frequency histogram, then you have a :

Options :

1. Mean distribution
2. Skewed distribution
3. Sampling distribution
4. Binomial Distribution

Question Number : 29 Question Id : 198236329 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 you obtain a one-tailed p-value of 0.02 then the equivalent two-tailed p-value is :

Options :

1. 0.01
2. 0.04
3. 0.02
4. 0.4

Question Number : 30 Question Id : 198236330 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 probability that an effect has arisen due to sampling error given that the null hypothesis is true is :

Options :

1. Negligible

2. β

3. α

4. γ

Question Number : 31 Question Id : 198236331 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 you have a correlation coefficient of 0.4, how much variance is left unexplained ?

Options :

1. 16%

2. 40%

3. 84%

4. 4%

Question Number : 32 Question Id : 198236332 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

All other things being equal :

Options :

1. The more sample size increases, the more power decreases

2. The more sample size decreases, the more power increases

3. Sample size has no relationship to power

4. The more sample size increases, the more indeterminate the power

Question Number : 33 Question Id : 198236333 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 value of χ^2 will always be :

Options :

1. Positive
2. Negative
3. High
4. Zero

Question Number : 34 Question Id : 198236334 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 population consisting of the results of the conceptually repeated trials is known as :

Options :

1. finite population
2. infinite population
3. hypothetical population
4. real population

Question Number : 35 Question Id : 198236335 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

Formula for standard error of sample mean \bar{x} based on sample size 'n' having variance s^2 , when population consisted of N items is :

Options :

1. $\frac{s}{n}$
2. $\frac{s}{\sqrt{n+1}}$
3. $\frac{s}{\sqrt{n-1}}$
4. $\frac{s}{\sqrt{n}}$

Question Number : 36 Question Id : 198236336 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 Population was divided into clusters and it was found that within cluster variation was less than the variation between clusters. If a sample of units was drawn from each cluster, the sampling procedure used was :

Options :

1. multistage sampling
2. cluster sampling
3. stratified sampling
4. simple random sampling

Question Number : 37 Question Id : 198236337 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 a perfectly symmetrical distribution :

Options :

1. the values of mean, median and mode are identical
2. mean is greater than mode
3. median is greater than mode
4. median is greater than mean

Question Number : 38 Question Id : 198236338 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 significance of simple correlation coefficient can be tested by :

Options :

1. 't' test
2. 'F' test
3. Chi-Square test
4. 'Z' test

Question Number : 39 Question Id : 198236339 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 in a split plot design A at 5 levels is allocated in main-plots and B in 4 levels in sub-plots and the treatments have 3 replications, then the sub-plot error degree of freedom will be :

Options :

1. 20
2. 12
3. 30
4. 18

Question Number : 40 Question Id : 198236340 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 degrees of freedom for χ^2 in case of dichotomized frequencies are :

Options :

1. 0
2. 1
3. 2
4. 4

	Area Concerned
Section Id :	1982368
Section Number :	2
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	60
Number of Questions to be attempted:	60
Section Marks:	180
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	1982368
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 198236341 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 genetically determined level of resistance acquired by a process of selection over many generations is :

Options :

1. Acclimation
2. Homeostasis
3. Tolerance
4. Adaptation

Question Number : 42 Question Id : 198236342 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

Deeper root growth into wet soil can be considered a second line of defense against :

Options :

1. Drought stress
2. Salinity stress
3. Heat stress
4. Heavy metal stress

Question Number : 43 Question Id : 198236343 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 the mesophyll becomes mildly dehydrated, some of the ABA stored in the chloroplasts is released to the :

Options :

1. Apoplast (the cell wall space) of the mesophyll cell
2. Cytoplasm
3. Vacuoles
4. Endodermis

Question Number : 44 Question Id : 198236344 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 one of the followings is hyper-ionic and hyper-osmotic stress ?

Options :

1. Drought
2. Salinity
3. Heavy metals
4. Flooding

Question Number : 45 Question Id : 198236345 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

Identify which one is a signalling molecule under abiotic stress :

Options :

1. Proline
2. Glycine betaine
3. Potassium ion
4. Reactive oxygen species

Question Number : 46 Question Id : 198236346 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 plant can be capable of resisting drought better that has :

Options :

1. Lower water use efficiency
2. Higher water use efficiency
3. Higher rate of transpiration
4. Decreased CO₂ fixation

Question Number : 47 Question Id : 198236347 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

Gene expression to encode enzymes is induced during :

Options :

1. Osmotic stress
2. Homeostasis
3. Photosynthesis
4. Adaptation

Question Number : 48 Question Id : 198236348 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 cellular location of HSP 100 is :

Options :

1. Cytosol, endoplasmic reticulum
2. Cytosol, mitochondria, chloroplasts
3. Mitochondria, chloroplasts, nucleus
4. Cytosol, endoplasmic reticulum, nucleus

Question Number : 49 Question Id : 198236349 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 Heat Shock Factor (HSF) cycle activates the synthesis of :

Options :

1. PR-proteins
2. Heat shock protein mRNAs
3. Compatible osmolyte
4. Glycinebetaine

Question Number : 50 Question Id : 198236350 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

Genes SOS1, SOS2 and SOS3 are involved in mechanism of tolerance in plant under :

Options :

1. Heavy metal stress
2. Chilling stress
3. Salinity stress
4. Flooding stress

Question Number : 51 Question Id : 198236351 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

There are no solutes in the water, therefore the water potential in MPa is :

Options :

1. -1.0 MPa ($Y_w = Y_s + Y_p$)
2. 0 MPa ($Y_w = Y_s + Y_p$)
3. 0.5 MPa ($Y_w = Y_s + Y_p$)
4. 1.0 MPa ($Y_w = Y_s + Y_p$)

Question Number : 52 Question Id : 198236352 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 cell, water and dissolved inorganic ions, organic acids, sugars, enzymes, and a variety of secondary metabolites, which often play roles in plant defense, are present in :

Options :

1. Mitochondria
2. Chloroplast
3. Vacuole
4. Nucleus

Question Number : 53 Question Id : 198236353 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 the apoplast pathway, water moves exclusively through the :

Options :

1. Cell wall by crossing all membranes
2. Cell wall and differentially permeable membranes
3. Cell wall by crossing only plasma membrane
4. Cell wall without crossing any membranes

Question Number : 54 Question Id : 198236354 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

Vessel elements of xylem are found only in angiosperms and a small group of gymnosperms called the :

Options :

1. Cycads
2. Conifers
3. Gnetales
4. Taxales

Question Number : 55 Question Id : 198236355 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 typical plants in which the first stable product of carbon fixation is a three-carbon compound (such plants are called C₃ plants), the molecules of water are lost for every molecule of CO₂ fixed by photosynthesis are :

Options :

1. About 500 giving a transpiration ratio of 100
2. About 100 giving a transpiration ratio of 500
3. About 500 giving a transpiration ratio of 500
4. About 250 giving a transpiration ratio of 500

Question Number : 56 Question Id : 198236356 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

"White bud of maize" appears due to deficiency of :

Options :

1. Manganese
2. Copper
3. Molybdenum
4. Zinc

Question Number : 57 Question Id : 198236357 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

Protein and chlorophyll structure are mainly due to the element :

Options :

1. Potassium
2. Magnesium
3. Nitrogen
4. Phosphorus

Question Number : 58 Question Id : 198236358 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 sulphur containing amino acid is :

Options :

1. Lysine
2. Tryptophan
3. Methionine
4. Glycine

Question Number : 59 Question Id : 198236359 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 presence of a concentration of certain 'fixed' or indiffusible ions within the cell would require to be balanced by ions of the other charge is known as :

Options :

1. Ion exchange

2. Mass flow hypothesis
3. Donnan equilibrium
4. Diffusion

Question Number : 60 Question Id : 198236360 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 micronutrient is needed for sugar translocation from leaf to reproductive parts of plants ?

Options :

1. Molybdenum
2. Copper
3. Boron
4. Zinc

Question Number : 61 Question Id : 198236361 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

With respect to dual mechanism of ion absorption by plants which of the following statement is correct ?

Options :

1. K_m value of mechanism I is higher than the K_m value of mechanism II
2. K_m value of mechanism I is lower than the K_m value of mechanism II
3. Both the mechanisms are having almost similar K_m value
4. Mechanism I is having many active sites while mechanism II is having only one active site

Question Number : 62 Question Id : 198236362 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 not a radioactive isotope ?

Options :

1. P^{32}

2. Zn⁶⁵

3. N¹⁵

4. C¹⁴

Question Number : 63 Question Id : 198236363 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

Essentiality of Mn in higher plants was given by which of the following scientist(s) ?

Options :

1. E. Gris

2. Ahmad and Evans

3. Arnon and Stout

4. J. S. Mc Hargue

Question Number : 64 Question Id : 198236364 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

pH of calcareous soil generally is in the range of :

Options :

1. 6.5 – 7.5

2. 7.5 – 8.5

3. 8.5 – 9.2

4. 9.2 and higher

Question Number : 65 Question Id : 198236365 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

Strategy I of iron absorption is present in :

Options :

1. All higher plants

2. All dicots

3. All monocots
4. All dicots and non-graminaceous monocots

Question Number : 66 Question Id : 198236366 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 substance is the precursor for mugineic acid synthesis in plants ?

Options :

1. Tryptophane
2. Cystein
3. Methionine
4. Glycine

Question Number : 67 Question Id : 198236367 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 crop is relatively highly tolerant to soil salinity ?

Options :

1. Pea
2. Potato
3. Sunflower
4. Sugar beet

Question Number : 68 Question Id : 198236368 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 plant pigment is also a precursor of a phyto-hormone ?

Options :

1. Chlorophyll
2. Zeaxanthin
3. Anthocyanin

4. Chlorobium chlorophyll 660

**Question Number : 69 Question Id : 198236369 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 enzyme is associated with substrate level phosphorylation ?

Options :

1. Succinyl thiokinase
2. Glyceraldehyde-3-phosphare dehydrogenase
3. Phosphofructokinase
4. B-ketoacyl CoA thiokinase

**Question Number : 70 Question Id : 198236370 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

CO₂ compensation point of which of the following plant is very low ?

Options :

1. Amaranthus
2. Sunflower
3. Rice
4. Wheat

**Question Number : 71 Question Id : 198236371 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 green plants the wave length of the fluorescent light always falls in :

Options :

1. Green region of the spectrum
2. Blue region of the spectrum
3. Yellow region of the spectrum
4. Red region of the spectrum

Question Number : 72 Question Id : 198236372 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

Weight $\text{weight}^{-1} \text{time}^{-1}$ is the unit of which of the following ?

Options :

1. Crop growth rate
2. Net assimilation rate
3. Relative growth rate
4. Leaf area ratio

Question Number : 73 Question Id : 198236373 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 concept of Net Assimilation Rate was given by which of the following scientist ?

Options :

1. R. E Williams
2. V. H. Blackman
3. G. E. Briggs
4. F. G. Gregory

Question Number : 74 Question Id : 198236374 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

Find out the missing character (?) in the following equation :

Leaf area ratio = Leaf weight ratio \times ?

Options :

1. Leaf area index
2. Relative growth rate
3. Specific leaf area
4. Crop growth rate

Question Number : 75 Question Id : 198236375 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 not a phytohormone ?

Options :

1. 6- Δ^2 isopentenyl amino purine
2. Dihydro zeatin
3. Cis-zeatin
4. 6-furfuryl amino purine

Question Number : 76 Question Id : 198236376 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

'Tanada effect' is associated with which of the following plant growth regulator ?

Options :

1. IAA
2. GA
3. Cytokinin
4. ABA

Question Number : 77 Question Id : 198236377 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

System 2 of ethylene biosynthesis is present in :

Options :

1. Only in Climacteric fruits
2. Only in non-climacteric fruits
3. All climacteric as well as non-climacteric fruits
4. Only in fungi

Question Number : 78 Question Id : 198236378 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

Betasins were first discovered in :

Options :

1. Yam
2. Brassica
3. Liverwarts
4. Jasmine oil

Question Number : 79 Question Id : 198236379 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

Concept of 'Thermoperiodicity' was given by :

Options :

1. W. W. Garner and H. A. Allard
2. F. W. Went
3. M. K. Chailakhyan
4. F. J. Richards

Question Number : 80 Question Id : 198236380 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

Critical day-lengths for Plant A and Plant B are 14 hours and 15 hours, respectively. At 18 hour day-length Plant A flowers while Plant B fails to flower. Based on these observations; which of the following statement is correct ?

Options :

1. Plant A is a short-day plant and Plant B is a long-day plant
2. Plant A is a long-day plant and Plant B is a short-day plant
3. Both are long day plants
4. Both are short-day plants

Question Number : 81 Question Id : 198236381 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

Immediate electron donor to PSI in 'Z' Scheme is :

Options :

1. Plastoquinone
2. A₀
3. Ferredoxin
4. Plastocyanin

Question Number : 82 Question Id : 198236382 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

Cristae are present in :

Options :

1. Inner membrane of chloroplast
2. Outer membrane of mitochondria
3. Vacuolar membrane
4. Inner membrane of mitochondria

Question Number : 83 Question Id : 198236383 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 irradiance at which photosynthesis is equal to respiration rate (net CO₂ exchange is zero) is called :

Options :

1. Light Compensation Point
2. Light Saturation Point
3. Solar constant
4. PAR

Question Number : 84 Question Id : 198236384 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 true for guard cells :

Options :

1. They have thick cell walls
2. They are devoid of mitochondria
3. They are devoid of vacuole
4. They are devoid of plasmodesmata

Question Number : 85 Question Id : 198236385 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

Transpiration is measured by :

Options :

1. Psychrometer
2. Potometer
3. Tensiometer
4. Auxanometer

Question Number : 86 Question Id : 198236386 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

Complete oxidation of one molecule of pyruvate via Kreb's cycle will generate :

Options :

1. 2NADH, 1FADH₂, 2ATP
2. 1NADH, 1FADH₂, 4ATP
3. 2NADH, 1FADH₂, 3ATP
4. 4NADH, 1FADH₂, 1ATP

Question Number : 87 Question Id : 198236387 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

Sorghum plants come under the category of :

Options :

1. NAD maleic enzyme type

2. PEP carboxykinase
3. NADP maleic enzyme type
4. C3-C4 intermediate

Question Number : 88 Question Id : 198236388 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

To fix one molecule of CO₂ during Calvin Cycle requires :

Options :

1. 3ATP and 3NADPH
2. 2ATP and 3NADPH
3. 3ATP and 2NADPH
4. 2ATP and 2NADPH

Question Number : 89 Question Id : 198236389 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

UV-B radiation is represented by a range of :

Options :

1. 200 – 280nm
2. 280 – 320nm
3. 320 – 400nm
4. 200 – 400nm

Question Number : 90 Question Id : 198236390 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 not required for activation of Rubisco ?

Options :

1. Mg
2. ATP

3. CO₂

4. 3-PGA

Question Number : 91 Question Id : 198236391 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 oligomeric form of Rubisco is correct ?

Options :

1. L₂S₂

2. L₆S₆

3. L₈S₈

4. L₄S₄

Question Number : 92 Question Id : 198236392 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 main target of damage during photoinhibition, due to excess light is :

Options :

1. D1

2. D2

3. Accessory polypeptides

4. LHC II

Question Number : 93 Question Id : 198236393 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

Chloroplast membranes are rich in :

Options :

1. Phospholipids

2. Sulpholipids

3. Galactolipids

4. Sterols

Question Number : 94 Question Id : 198236394 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

Substrate for photorespiration is :

Options :

1. Oxaloacetate
2. Glycolate
3. Phosphoenolpyruvate
4. Phosphoglyceraldehyde

Question Number : 95 Question Id : 198236395 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 microbial oxidation of NH_4^+ to form NO_3^- is called :

Options :

1. Ammonia assimilation
2. Denitrification
3. N_2 -fixation
4. Nitrification

Question Number : 96 Question Id : 198236396 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

Electron donor for the reduction of dinitrogen in nitrogen fixing organisms is :

Options :

1. NADH
2. Cytochrome
3. Ferredoxin
4. ATP

Question Number : 97 Question Id : 198236397 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

They serve as signal for interactions of the plants with symbionts :

Options :

1. Phytosiderophores
2. Flavonoids
3. Jasmonic acid
4. Isoprene

Question Number : 98 Question Id : 198236398 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

Salicylic acid causes :

Options :

1. Thermogenesis in voodoo lilies
2. Senescence of petals
3. Positive effect on C_2H_4 biosynthesis
4. Inhibition of flowering in *Lemna gibba*

Question Number : 99 Question Id : 198236399 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

Inactivation of ABA in plant is caused by the conversion of ABA to :

Options :

1. Xanthoic acid
2. Violaxanthin
3. Phaseic acid
4. Zeaxanthin

Question Number : 100 Question Id : 198236400 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

Time gap between initiation of two adjacent leaves is called :

Options :

1. Bolting
2. Plastochron
3. Phytochrome
4. Leaf area ratio