

MPOnline Limited

Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

Question Paper Name :	BSc Hons Agriculture 16th June 2024 Shift 1
Subject Name :	BSc Hons Agriculture
Creation Date :	2024-06-18 15:37:54
Duration :	90
Total Marks :	100
Display Marks:	Yes
Share Answer Key With Delivery Engine :	No
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

Group A

Group Number :	1
Group Id :	4170073
Group Maximum Duration :	45
Group Minimum Duration :	45
Show Attended Group? :	Yes
Edit Attended Group? :	No
Break time :	0
Group Marks :	50

Section 1

Section Id :	4170073
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50

Section Marks : 50
Maximum Instruction Time : 0
Sub-Section Number : 1
Sub-Section Id : 4170073
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 417007101 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The most abundant primary minerals on earth crust are

Options :

1. ✖ quartz
2. ✖ Pyroxenes
3. ✖ micas
4. ✔ Feldspars

Question Number : 2 Question Id : 417007102 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

On prolonged waterlogging condition organic matter is reduced into

Options :

1. ✔ Methane
2. ✖ CO₂
3. ✖ Humus
4. ✖ Ethelene

Question Number : 3 Question Id : 417007103 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The teleomorphic stage of Cercospora is .

Options :

1. ✖ Glomorella
2. ✖ Cochliobolus
3. ✔ Mycospaherella
4. ✖ Pleospora

Question Number : 4 Question Id : 417007104 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The sodic soils are reclaimed by the application of

Options :

1. ✓ Gypsum
2. ✗ Lime
3. ✗ Basic slag
4. ✗ Water

Question Number : 5 Question Id : 417007105 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Out of total number of land capability classes, number of land classes suitable for cultivation is

Options :

1. ✗ Eight
2. ✓ Four
3. ✗ Six
4. ✗ Two

Question Number : 6 Question Id : 417007106 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

In general the mineral matter content in soil is at optimum condition is

Options :

1. ✗ 5 percent
2. ✗ 50 percent
3. ✗ 25 percent
4. ✓ 45 percent

Question Number : 7 Question Id : 417007107 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The large area in India occupied by

Options :

1. ✗ Black soil
2. ✗ Red soils

3. ✓ Alluvial soils

4. ✗ Laterite soils

Question Number : 8 Question Id : 417007108 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The red colour of the soil is due to the presence of

Options :

1. ✗ Calcium Oxide

2. ✓ Iron oxide

3. ✗ Magnesium oxide

4. ✗ Sodium oxide

Question Number : 9 Question Id : 417007109 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The illuviated horizon also called as

Options :

1. ✗ O horizon

2. ✓ B horizon

3. ✗ E horizon

4. ✗ horizon

Question Number : 10 Question Id : 417007110 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Potassium fertilizer suitable for potato and Tobacco is

Options :

1. ✗ Muriate of Potash

2. ✓ Sulphate of Potash

3. ✗ Diammonium Phosphate

4. ✗ Single Super Phosphate

Question Number : 11 Question Id : 417007111 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Trap crop for Diamond Back Moth in Cauliflower crop is

Options :

1. ✖ Groundnut
2. ✖ Sesamum
3. ✔ Musturd
4. ✖ Castor

Question Number : 12 Question Id : 417007112 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

'Gossypure' is used for attracting

Options :

1. ✖ Spodoptera
2. ✖ Earias
3. ✔ Pectinophora
4. ✖ Helicoverpa

Question Number : 13 Question Id : 417007113 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Scab on guava fruit surface is caused by

Options :

1. ✔ Tea mosquito bug
2. ✖ Wooly aphids
3. ✖ Leaf hoppers
4. ✖ Mealy bugs

Question Number : 14 Question Id : 417007114 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Which of the following is the brain of the computer?

Options :

1. ✖ Control unit
2. ✖ Arithmetic and Logic unit
3. ✖ Memory
4. ✔ Central Processing Unit

Question Number : 15 Question Id : 417007115 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Silvery white blotches on the leaves of onion is due to the attack of

Options :

1. ✖ Leaf miner
2. ✖ Leafhopper
3. ✖ Borers
4. ✔ Thrips

Question Number : 16 Question Id : 417007116 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Millipedes organisms are included in the class

Options :

1. ✖ Crutacea
2. ✖ Onychophora
3. ✖ Symphila
4. ✔ Diplopoda

Question Number : 17 Question Id : 417007117 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The blood sugar of insects is

Options :

1. ✖ Fructose
2. ✔ Trehalose
3. ✖ Sucrose
4. ✖ Glucose

Question Number : 18 Question Id : 417007118 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The Semilooper larvae is

Options :

1. ✖ Protopod

2. ✓ Polypod
3. ✗ Oligopod
4. ✗ Apodous

Question Number : 19 Question Id : 417007119 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The gaster represents the abdomen of

Options :

1. ✓ Hymenoptera
2. ✗ Diptera
3. ✗ Collembola
4. ✗ Coleoptera

Question Number : 20 Question Id : 417007120 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The term casta was derived from which language

Options :

1. ✗ Latin
2. ✗ French
3. ✓ Portuguese
4. ✗ Greek

Question Number : 21 Question Id : 417007121 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

.Pattern of superimposed categories of differential privilege is

Options :

1. ✓ Social stratification
2. ✗ Social change
3. ✗ Social ecology
4. ✗ Sociology

Question Number : 22 Question Id : 417007122 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Leader who has received specific specialized, training in the field and he works full time as an occupation and is paid for his work

Options :

1. ✖ Lay Leader
2. ✖ Operational Leader
3. ✖ Democratic leader
4. ✔ Professional Leader

Question Number : 23 Question Id : 417007123 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Double helix model for DNA was proposed by

Options :

1. ✖ Jacob and J. Monod
2. ✖ Temin and D. Baltimore
3. ✔ James Watson and Francis Crick
4. ✖ Robinson and Brown

Question Number : 24 Question Id : 417007124 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Extension over cyber space is generally referred to as

Options :

1. ✖ Agricultural Extension
2. ✖ ICTs
3. ✖ Innovative Extension
4. ✔ cyber Extension

Question Number : 25 Question Id : 417007125 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Number of element in Paul Leagans Model 1963 of communication is

Options :

1. ✖ Five
2. ✖ Four
3. ✔ Six

4. ✖ Seven

Question Number : 26 Question Id : 417007126 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The characteristics feature by which a set of chromosomes of a species is identified is known as

Options :

1. ✖ Ideogram
2. ✔ Karyotype
3. ✖ Pleiotrophy
4. ✖ Expressivity

Question Number : 27 Question Id : 417007127 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Which of the following comes under Mass contact Method

Options :

1. ✖ Farm and Home visit
2. ✖ Result Demonstration
3. ✖ Group Discussion
4. ✔ Campaign

Question Number : 28 Question Id : 417007128 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The degree to which innovation is modified by the user in the process of its adoption is called as

Options :

1. ✖ . Over adoption
2. ✖ Rediscovery
3. ✔ Reinvention
4. ✖ Under adoption

Question Number : 29 Question Id : 417007129 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Excess of P causes deficiency of elements

Options :

1. ✖ Fe and Mn
2. ✖ Cu and B
3. ✖ Mn and Cl
4. ✔ Fe and Zn

Question Number : 30 Question Id : 417007130 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The nutrient which plays major role in pollen germination and pollen tube growth is

Options :

1. ✖ Iron
2. ✖ Calcium
3. ✖ Manganese
4. ✔ Boron

Question Number : 31 Question Id : 417007131 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Correlation coefficient between seed weight (gm) and seed length (cm) has

Options :

1. ✖ Unit gm cm
2. ✔ no unit
3. ✖ Unit cm/gm
4. ✖ Unit gm/cm

Question Number : 32 Question Id : 417007132 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

A fitted regression line is $Y = 5 + 2X$. Then

Options :

1. ✖ intercept is $2X$, slope is 5
2. ✔ intercept is 5, slope is 2
3. ✖ intercept is 5, slope is $2X$
4. ✖ Intercept 2, slope 5

Question Number : 33 Question Id : 417007133 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The variance of a constant 'x' is

Options :

1. ✖ one
2. ✖ x
3. ✖ X2
4. ✔ zero

Question Number : 34 Question Id : 417007134 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Glucose and Galactose are

Options :

1. ✔ Epimers
2. ✖ Enantiomers
3. ✖ Tauto0mer's
4. ✖ Anomers

Question Number : 35 Question Id : 417007135 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

At isoelectric point the solubility of amino acids is

Options :

1. ✖ High
2. ✖ Medium
3. ✔ Least
4. ✖ No relation

Question Number : 36 Question Id : 417007136 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The PH of blood is

Options :

1. ✖ 7.2
2. ✖ 7.5

3. ✓ 7.4

4. ✗ 7.6

Question Number : 37 Question Id : 417007137 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Esters of long chain fatty acids with alcohols are

Options :

1. ✗ Cutin

2. ✗ Suberins

3. ✓ Waxes

4. ✗ Terpenoids

Question Number : 38 Question Id : 417007138 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Exapnd THFA

Options :

1. ✗ Trihydro folic acid

2. ✓ Tetra hydrofolic acid

3. ✗ Trihydroxy folic acid

4. ✗ Tetra hydroxyl folic acid

Question Number : 39 Question Id : 417007139 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Example for non - protein amino acid is

Options :

1. ✗ Proline

2. ✓ Hydroxyl proline

3. ✗ Argrinine

4. ✗ Histidine

Question Number : 40 Question Id : 417007140 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Anticodons present in

Options :

1. ✖ mRNA
2. ✖ rRNA
3. ✔ tRNA
4. ✖ hn RNA

Question Number : 41 Question Id : 417007141 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The unusual nitrogen base pyrimide present in D arm of tRNA is

Options :

1. ✔ Pseudouracil
2. ✖ Inosine
3. ✖ Dimethyl adenine
4. ✖ Dihydrouracil

Question Number : 42 Question Id : 417007142 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Line weaver 0 burk plot also known as

Options :

1. ✖ Reciprocal plot
2. ✖ Michaelis – menton plot
3. ✔ Double- receiprocal plot
4. ✖ Langmuir plot

Question Number : 43 Question Id : 417007143 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

When there are 5 asymmetric carbon atoms in a molecule, the number of possible isomers are

Options :

1. ✖ 16
2. ✔ 32
3. ✖ 8
4. ✖ 64

Question Number : 44 Question Id : 417007144 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The protein part of the functional enzyme is

Options :

1. ✖ Holoenzyme
2. ✔ Apoenzyme
3. ✖ Coenzyme
4. ✖ Isoenzyme

Question Number : 45 Question Id : 417007145 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The number of stages for micro propagations is

Options :

1. ✖ I
2. ✖ II
3. ✖ III
4. ✔ IV

Question Number : 46 Question Id : 417007146 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The following is the less preferred explant for commercial micropagation

Options :

1. ✖ Shoot tips
2. ✖ Nodal buds
3. ✔ Leaves
4. ✖ Meristem

Question Number : 47 Question Id : 417007147 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The process of large scale production of somatic embryo and their encapsulation is called as

Options :

1. ✖ Micro propagation

2. ✖ Clonal propagation
3. ✔ Synthetic seed production
4. ✖ True seed

Question Number : 48 Question Id : 417007148 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Integration of a chromosome segment into a non-homologous chromosome is called

Options :

1. ✖ Transcription
2. ✖ translation
3. ✖ heridity
4. ✔ Translocation

Question Number : 49 Question Id : 417007149 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Blue baby disease (methemoglobinemia) in mammals is caused due to the contamination of drinking water by

Options :

1. ✖ Phosphates
2. ✖ Arsenic
3. ✖ Chlorides
4. ✔ Nitrates

Question Number : 50 Question Id : 417007150 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Use of Biological organisms to remove pollution is called

Options :

1. ✔ Bio-remediation
2. ✖ Bio-magnification
3. ✖ Bio-washing
4. ✖ Bio-leaching

Group B

Group Number : 2
Group Id : 4170074
Group Maximum Duration : 45
Group Minimum Duration : 45
Show Attended Group? : No
Edit Attended Group? : No
Break time : 0
Group Marks : 50

Section 2

Section Id : 4170074
Section Number : 1
Section type : Online
Mandatory or Optional : Mandatory
Number of Questions : 50
Number of Questions to be attempted : 50
Section Marks : 50
Maximum Instruction Time : 0
Sub-Section Number : 1
Sub-Section Id : 4170074
Question Shuffling Allowed : Yes

Question Number : 51 Question Id : 417007151 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Mercury poisoning causes

Options :

1. ✘ Arsenicosis
2. ✘ Fluorosis
3. ✔ Minamata
4. ✘ Melanosis

Question Number : 52 Question Id : 417007152 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Diversity of the habitat over the total landscape or geographical area is

Options :

1. ✔ Gamma diversity

2. ✖ Alpha diversity
3. ✖ Beta diversity
4. ✖ Z diversity

Question Number : 53 Question Id : 417007153 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Monohybrid Genotypic Ratio

Options :

1. ✖ 03:01
2. ✔ 01:02:01
3. ✖ 02:02
4. ✖ 02:01:01

Question Number : 54 Question Id : 417007154 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

International Crop Research Institute for the Semi Arid Traptic (ICRISAT)

Options :

1. ✔ Hyderabad, India
2. ✖ Nairobi, Kenya
3. ✖ Ibadan, Nigeria
4. ✖ Cali, Columbia

Question Number : 55 Question Id : 417007155 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The term 'Ecosystem' was coined by

Options :

1. ✖ H.T Odum
2. ✔ Earnst Haeckel
3. ✖ M.C Mehata
4. ✖ A.G.Tansley

Question Number : 56 Question Id : 417007156 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Tensiometer measures soil moisture potential upto

Options :

1. ✖ 1bar
2. ✖ 2bars
3. ✖ 0.5bars
4. ✔ 0.8bars

Question Number : 57 Question Id : 417007157 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The most sensitive phase for irrigation in wheat

Options :

1. ✖ Tillering
2. ✔ Crown root initiation
3. ✖ Panicle initiation
4. ✖ Grain filling

Question Number : 58 Question Id : 417007158 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Thornthwaite method is used for estimation of

Options :

1. ✖ Evaporation
2. ✖ Transpiration
3. ✔ Evapotranspiration
4. ✖ Vaporization

Question Number : 59 Question Id : 417007159 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Minimum water requirement is needed for

Options :

1. ✖ Rice
2. ✖ Maize
3. ✔ Ragi
4. ✖ Sugarcane

Question Number : 60 Question Id : 417007160 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Khaira disease in rice due to deficiency of

Options :

1. ✖ Manganese
2. ✔ Zinc
3. ✖ Copper
4. ✖ Iron

Question Number : 61 Question Id : 417007161 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Choose scientist known as The father of plant tissue culture is

Options :

1. ✖ Carlson
2. ✖ Karl Ereky
3. ✔ Gotti Haberlandt
4. ✖ Bergmann

Question Number : 62 Question Id : 417007162 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Which of the following can be used to prevent browning of cut fruits and vegetables

Options :

1. ✖ Water
2. ✖ Sucrose
3. ✔ Ascorbic acid
4. ✖ Milk

Question Number : 63 Question Id : 417007163 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Protein Efficiency Ratio (PER) is

Options :

1. ✓ Gain in the body weight per unit of protein intake
2. ✗ . Percentage of protein absorbed after digestion
3. ✗ Product of digestibility coefficient and biological value
4. ✗ Percentage of nitrogen retained out of nitrogen absorbed

Question Number : 64 Question Id : 417007164 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Which of the following growth hormones produces apical dominance

Options :

1. ✗ Ethylene
2. ✗ Cytokinin
3. ✓ Auxin
4. ✗ Gibberilin

Question Number : 65 Question Id : 417007165 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The process of growing plants in water culture was termed as hydroponics by

Options :

1. ✗ Arnon
2. ✓ Giricke
3. ✗ Hoagland
4. ✗ Johnwoodward

Question Number : 66 Question Id : 417007166 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Substrate that has wicking property and can draw water and nutrients in hydroponic system is

Options :

1. ✗ Rockwood
2. ✗ Pumice
3. ✗ Pertile
4. ✓ Vermiculate

Question Number : 67 Question Id : 417007167 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Nutrient feeding by spraying on to the surface of the plant is referred to as

Options :

1. ✖ Top dressing
2. ✖ Fertigation
3. ✖ Basal application
4. ✔ Foliar nutrition

Question Number : 68 Question Id : 417007168 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Legumes form symbiotic relationship with nitrogen fixing bacteria to convert molecular nitrogen into

Options :

1. ✖ Nitrate
2. ✔ Ammonia
3. ✖ Nitrite
4. ✖ Amide

Question Number : 69 Question Id : 417007169 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Seeds with life span ranging from 3 years to 15 years are referred to as

Options :

1. ✖ Microbiotic
2. ✔ Mesobiotic
3. ✖ Macrobiotic
4. ✖ Microcosmic

Question Number : 70 Question Id : 417007170 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Seeds with moisture content of 18-20 percent in storage undergo

Options :

1. ✖ Pest build up
2. ✖ Mold growth

3. ✓ Heating

4. ✗ Disease outbreak

Question Number : 71 Question Id : 417007171 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

2,3,5-triphenyl-2H-tetrazolium commonly used in biochemical experiments especially to indicate

Options :

1. ✗ Nutrient content

2. ✗ Transpiration

3. ✗ Photosynthesis

4. ✓ Cellular respiration

Question Number : 72 Question Id : 417007172 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Transpiration in bark is accounted by

Options :

1. ✗ Stomata

2. ✓ Lenticells

3. ✗ Cuticle

4. ✗ Guttation

Question Number : 73 Question Id : 417007173 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The scientist considered as Father of Green revolution in India is

Options :

1. ✗ R.Ramaiah

2. ✓ M.S.Swaminathan

3. ✗ BP Pal

4. ✗ Rattan Lal

Question Number : 74 Question Id : 417007174 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Day-neutral plants respond to an alternative environmental stimuli, such as

Options :

1. ✓ Vernalisation
2. ✗ Hot days
3. ✗ Long photoperiod
4. ✗ Plant growth regulators

Question Number : 75 Question Id : 417007175 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Which of the following crop improvement based on cellular totipotency?

Options :

1. ✗ Heterosis
2. ✗ grafting
3. ✗ suckers
4. ✓ Tissue culture

Question Number : 76 Question Id : 417007176 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

In India cooperative credit societies were established based on

Options :

1. ✗ Nicholson Model
2. ✗ William Webber Burn Model
3. ✗ Dupernax Model
4. ✓ Raiffeisen Model

Question Number : 77 Question Id : 417007177 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The repayment plan that is adopted in case of loans taken for machinery and equipment

Options :

1. ✓ Amortised decreasing repayment plan
2. ✗ Amortised even repayment plan
3. ✗ Balloon repayment plan
4. ✗ Straight end repayment plan

Question Number : 78 Question Id : 417007178 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The agency which advises the Government in fixation of administered prices

Options :

1. ✖ NAFED
2. ✖ FCI
3. ✖ CWC
4. ✔ CACP

Question Number : 79 Question Id : 417007179 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The seller (firm) is price taker in the case of

Options :

1. ✖ Monopoly
2. ✔ Perfect competition
3. ✖ Monopolistic competition
4. ✖ Oligopoly

Question Number : 80 Question Id : 417007180 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The locus of the combinations of two goods that are equally satisfactory to a consumer, or to which, the consumer is indifferent

Options :

1. ✖ Diminishing curve
2. ✔ Indifference curve
3. ✖ Supply curve
4. ✖ Demand curve

Question Number : 81 Question Id : 417007181 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

An example of short period markets

Options :

1. ✔ Vegetables

2. ✖ Spices
3. ✖ Food grains
4. ✖ Oils

Question Number : 82 Question Id : 417007182 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

In Onion, premature production of seed stalk is known as

Options :

1. ✔ Bolting
2. ✖ Blanching
3. ✖ Staking
4. ✖ Mulching

Question Number : 83 Question Id : 417007183 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The medicinal plant has the property of "Galactagogue"

Options :

1. ✖ Ashwagandha
2. ✔ Asparagus
3. ✖ periwinkle
4. ✖ Iasbgol

Question Number : 84 Question Id : 417007184 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Adverse influence of drought on metabolism of plants is known as

Options :

1. ✖ Catabolic strain
2. ✔ Metaboilc strain
3. ✖ Plastic strain
4. ✖ Drought strain

Question Number : 85 Question Id : 417007185 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The biofertilizer thrives well in low temperature

Options :

1. ✖ BGA
2. ✖ Azotobacter
3. ✔ Azospirillum
4. ✖ Azolla

Question Number : 86 Question Id : 417007186 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

One hank of cotton fibre equals to

Options :

1. ✔ 840 yards
2. ✖ 750 yards
3. ✖ 240 yards
4. ✖ 180 yards

Question Number : 87 Question Id : 417007187 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

An ingredient added to a formulation for enhancing the action of toxicant is called

Options :

1. ✖ Adsorbent
2. ✖ Antidote
3. ✔ Adjuvant
4. ✖ Absorbant

Question Number : 88 Question Id : 417007188 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Parthenium can biologically controlled through a Mexican beetle

Options :

1. ✖ Agasicles hygropyla
2. ✖ Octotoma scabripennis
3. ✔ Zygogramma bicolorata
4. ✖ Telonemia scrupulosa

Question Number : 89 Question Id : 417007189 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Which of the following is a complete root parasite

Options :

1. ✓ Orabanche
2. ✗ Loranthus
3. ✗ Cuscuta
4. ✗ Striga

Question Number : 90 Question Id : 417007190 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Akiochi in rice is caused due to toxicity of

Options :

1. ✗ Hydrogen peroxide
2. ✗ Potassium oxide
3. ✓ Hydrogen sulphide
4. ✗ Sulphurous oxide

Question Number : 91 Question Id : 417007191 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Wet and dry bulb thermometers are used to measure

Options :

1. ✗ Temperature
2. ✓ Relative humidity
3. ✗ Wind speed
4. ✗ Solar radiation

Question Number : 92 Question Id : 417007192 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Which of the following pulse crop is known as golden gram

Options :

1. ✖ Redgram
2. ✔ Greengram
3. ✖ Blackgram
4. ✖ Horsegram

Question Number : 93 Question Id : 417007193 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Who is usually referred to as father of agrometeorology in India

Options :

1. ✖ Gilbert Walker
2. ✖ L. A. Ramdas
3. ✔ Venkataraman
4. ✖ M. S. Swaminathan

Question Number : 94 Question Id : 417007194 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Which of the following is a nitrification inhibitor

Options :

1. ✖ Nitrapyrin and Isobutylidene diurea
2. ✔ Nitrapyrin and Dicyandiamide
3. ✖ Urea formaldehyde and Nitrapyrin
4. ✖ Urease

Question Number : 95 Question Id : 417007195 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

C: N ratio of cereal straw is

Options :

1. ✖ 20:01
2. ✔ 80:01
3. ✖ 400:01
4. ✖ 10:01

Question Number : 96 Question Id : 417007196 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Internally seed borne bacterial disease is

Options :

1. ✓ Black rot of cabbage
2. ✗ Soft rot of carrot
3. ✗ Pierce disease of Grapes
4. ✗ Citrus canker

Question Number : 97 Question Id : 417007197 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Bunchy top of Banana is transmitted by

Options :

1. ✗ Bemisia tabaci
2. ✓ Pentalonia nigranervosa
3. ✗ Myzus persicae
4. ✗ Aphis gossypii

Question Number : 98 Question Id : 417007198 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Rice Tungro virus is transmitted by

Options :

1. ✗ Brown Plant Hopper
2. ✓ Green Leaf Hopper
3. ✗ White flies
4. ✗ Mites

Question Number : 99 Question Id : 417007199 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

The fruiting body of a mushroom is called

Options :

1. ✗ sorocarps
2. ✓ basidiocarps
3. ✗ ascocarps

4. ✖ plasmodiocarp

Question Number : 100 Question Id : 417007200 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Question Label : MCQ

Sudden heritable change is called

Options :

1. ✖ radiation
2. ✖ Manuplation
3. ✖ Tranduction
4. ✔ Mutation