ICAR 2021 PG JRF 17 Sep 21

Application No.	
Candidate Name	
Roll No.	RJ07069070075
Test Date	17/09/2021
Test Time	10:00 AM - 12:00 PM
Subject	AGRONOMY PG

Section : **AGRONOMY PG -1**

Q.1

How much photoperiod (hours) is required by long day plants?

1. <10 hours
2. >14 hours
3. >18 hours
4. >20 hours

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896165**
Option 1 ID : **19088924553**
Option 2 ID : **19088924554**
Option 3 ID : **19088924555**
Option 4 ID : **19088924556**
Status : **Answered**
Chosen Option : **2**

Q.2

Harvesting time of *Boro* and *Aus* rice is carried out during

1. *Rabi* and *kharif*
2. *Kharif* and *kharif*
3. Summer and *rabi*
4. Summer and *kharif*

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896180**
Option 1 ID : **19088924613**
Option 2 ID : **19088924614**
Option 3 ID : **19088924615**
Option 4 ID : **19088924616**
Status : **Answered**
Chosen Option : **4**

Q.3

The correct order of crops with respect to their water requirement

1. Rice > Cotton > Maize > Wheat > Pea
2. Rice > Maize > Cotton > Pea > Wheat
3. Rice > Pea > Maize > Cotton > Wheat
4. Rice > Cotton > Maize > Pea > Wheat

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896222**
Option 1 ID : **19088924781**
Option 2 ID : **19088924782**
Option 3 ID : **19088924783**
Option 4 ID : **19088924784**
Status : **Answered**
Chosen Option : **1**

Q.4

The millenium ecosystem assessment (MEA) was launched in the year

A. 2001 with support from United Nations

B. 2001 with support from Australia

C. 2001 with support from Nepal

D. 2001 with support from Japan

E. 2001 with support from Japan and India

Choose the ***correct*** answer from the options given below:

1. A only
2. B and A only
3. A, B and D only
4. C and E only

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896158**
Option 1 ID : **19088924525**
Option 2 ID : **19088924526**
Option 3 ID : **19088924527**
Option 4 ID : **19088924528**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Find out the amount of LAUDIS 34.4% SC for 6000 m^2 maize plot if the rate of tembotrione application

1. 70 g
2. 140 g
3. 210 g
4. 280 g

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896207**
Option 1 ID : **19088924721**
Option 2 ID : **19088924722**
Option 3 ID : **19088924723**
Option 4 ID : **19088924724**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Statements:

A. Magnesium deficiency symptom shows the first appearance of chlorosis mainly between veins (which remain green).

B. Iron deficiency causes interveinal chlorosis which first appears in older leaves with distinct green veins.

C. Manganese deficiency causes brownish black spots in pea and grey speck of oat.

D. Boron deficiency shows brownish or reddish young leaves and growing points of shoot and roots die.

Choose the ***correct*** answer from the options given below:

1. A, B and C only
2. A, B and D only
3. A, C and D only
4. B, C and D only

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896239**
Option 1 ID : **19088924849**
Option 2 ID : **19088924850**
Option 3 ID : **19088924851**
Option 4 ID : **19088924852**
Status : **Answered**
Chosen Option : **1**

Q.7

Which one of the following pairs is not the basic race of sorghum?

1. Bicolor and Kafir
2. Durra and Bicolor
3. Guinea and Durra
4. Gymnotheria and Heteorostachy

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896179**
Option 1 ID : **19088924609**
Option 2 ID : **19088924610**
Option 3 ID : **19088924611**
Option 4 ID : **19088924612**
Status : **Answered**
Chosen Option : **4**

Q.8

Device used for measuring water flow in pipes

1. Venturi meter
2. Weir
3. Parshall flume
4. Cutthroat flume

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896219**
Option 1 ID : **19088924769**
Option 2 ID : **19088924770**
Option 3 ID : **19088924771**
Option 4 ID : **19088924772**
Status : **Answered**
Chosen Option : **1**

Q.9 Scientific name of green gram is:

1. *Vigna radiata*
2. *Vigna mungo*
3. *Vigna sinensis*
4. *Glycine max*

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896183**
Option 1 ID : **19088924625**
Option 2 ID : **19088924626**
Option 3 ID : **19088924627**
Option 4 ID : **19088924628**
Status : **Answered**
Chosen Option : **1**

Q.10 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : In a typical watershed project, development is started at the top of drainage basin and proceeds down the slopes to lowlands

Reason R : Upper reaches in the watershed are occupied mostly by forests which are often degraded and most in need of repair; also treating upper parts of basin reduce runoff and thus protects lower lands.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896250**
Option 1 ID : **19088924893**
Option 2 ID : **19088924894**
Option 3 ID : **19088924895**
Option 4 ID : **19088924896**
Status : **Answered**
Chosen Option : **1**

Q.11 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: The synergistic positive effects of integrated nutrient management (INM) are due to better physical properties of soil, higher root growth and supply of secondary and micronutrients.

Reason R: Site specific nutrient management (SSNM) provides scientific principles for optimally supporting crops with nutrients as and when needed for specific fields in a particular cropping season and cropping system.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**
2. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**
3. **A** is correct but **R** is not correct
4. **A** is not correct but **R** is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896233**
Option 1 ID : **19088924825**
Option 2 ID : **19088924826**
Option 3 ID : **19088924827**
Option 4 ID : **19088924828**
Status : **Answered**
Chosen Option : **1**

Q.12

Match **List I** with **List II**

Match the weed in List I with their bio-control agent in List II

List I	**List II**
Weed	**Bio-control agent**
A. Orobanche	I. *Cassia tora*
B. Parthenium	II. *Teleonemia scrupulosa*
C. Lantana camara	III. *Colletotrichum gloeosporides*
D. Cuscuta	IV. Phytomyza

Choose the **correct** answer from the options given below:

1. A - IV, B - I, C- II, D - III
2. A - II, B - IV, C- I, D - III
3. A - III, B - I, C- IV, D - II
4. A - II, B - I, C- IV, D – III

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896203**
Option 1 ID : **19088924705**
Option 2 ID : **19088924706**
Option 3 ID : **19088924707**
Option 4 ID : **19088924708**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Given below are two statements

Statement I: A surface irrigation event is composed of four phases namely, advance phase, storage phase, depletion phase and recession phase.

Statement II: In recession phase of surface irrigation, the depth of water applied to any point in the field is a function of opportunity time, length of time for which water is present on soil surface.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896216**
Option 1 ID : **19088924757**
Option 2 ID : **19088924758**
Option 3 ID : **19088924759**
Option 4 ID : **19088924760**
Status : **Answered**
Chosen Option : **1**

Q.14

Match **List I** with **List II**

Match the weed species with their seed production potential

List I	**List II**
Weed species	**Seeds/plant**
A. Orobanche	I. 500
B. *Avena ludoviciana*	II. 50
C. Striga	III. 5,00,000
D. *Veronica hederifolia*	IV. 50,000

Choose the **correct** answer from the options given below:

1. A - IV, B - I, C- II, D - III
2. A - I, B - III, C- IV, D - II
3. A - III, B - I, C- IV, D - II
4. A - II, B - IV, C- III, D - I

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896196**
Option 1 ID : **19088924677**
Option 2 ID : **19088924678**
Option 3 ID : **19088924679**
Option 4 ID : **19088924680**
Status : **Answered**
Chosen Option : **1**

Q.15

Brays No. 1 reagent consists of mixture of

1. 0.03 N NH_4F + 0.025 N HCl
2. 0.3 N NH_4F + 0.025 N HCl
3. 0.03 N NH_4F + 0.25 N HCl
4. 0.3 N NH_4F + 0.25 N HCl

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896228**
Option 1 ID : **19088924805**
Option 2 ID : **19088924806**
Option 3 ID : **19088924807**
Option 4 ID : **19088924808**
Status : **Answered**
Chosen Option : **2**

Q.16

The degree of unsaturation of lipids can be measured as

1. Iodine number
2. Saponification number
3. Reichert Meissel number
4. Polenske number

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896154**
Option 1 ID : **19088924509**
Option 2 ID : **19088924510**
Option 3 ID : **19088924511**
Option 4 ID : **19088924512**
Status : **Answered**
Chosen Option : **1**

Q.17 The primary raw material used for commercial manufacturing of Muriate of Potash fertilizer

1. Sylvite
2. Sylvinite
3. Langbeinite
4. Schoenite

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896229**
Option 1 ID : **19088924809**
Option 2 ID : **19088924810**
Option 3 ID : **19088924811**
Option 4 ID : **19088924812**
Status : **Answered**
Chosen Option : **3**

Q.18 Nitrogen concentration in the atmosphere

1. 78%
2. 50%
3. 20%
4. 55%

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896171**
Option 1 ID : **19088924577**
Option 2 ID : **19088924578**
Option 3 ID : **19088924579**
Option 4 ID : **19088924580**
Status : **Answered**
Chosen Option : **1**

Q.19 Given below are two statements

Liming of acid soils with limestone and/or basic slag helps in neutralizing exchangeable aluminium (Al^{3+}) and increasing pH of soils to a desired level.

Over-liming of acid soils has adverse effect on soil nutrient availability, particularly of micronutrients (Zn, Cu, Fe and Mn) and crop growth.

Choose the ***correct*** answer from the options given below:

1. Both A is and B are correct
2. Only A is correct
3. Only B is correct
4. Both A and B are incorrect

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896256**
Option 1 ID : **19088924917**
Option 2 ID : **19088924918**
Option 3 ID : **19088924919**
Option 4 ID : **19088924920**
Status : **Answered**
Chosen Option : **1**

Q.20 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : The first shorter cycle is from precipitation into the soil and then as evaporation and transpiration back to the atmosphere is called blue water.

Reason R : The second cycle or green water follows longer path from precipitation through soil moisture, ground water and rivers to the soil.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896212**
Option 1 ID : **19088924741**
Option 2 ID : **19088924742**
Option 3 ID : **19088924743**
Option 4 ID : **19088924744**
Status : **Answered**
Chosen Option : **2**

Q.21

Given below are two statements

Statement I: Plants can tolerate drought either by mitigating the actual stress or by showing a high degree of tolerance to stress.

Statement II: Plants tolerate the stress by showing resistance to dehydration and by preventing leaf collapse, permit the plants to maintain a high internal water potential in spite of drought conditions.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896243**
Option 1 ID : **19088924865**
Option 2 ID : **19088924866**
Option 3 ID : **19088924867**
Option 4 ID : **19088924868**
Status : **Answered**
Chosen Option : **3**

Q.22

A formulation of a herbicide generally not diluted and supplied ready to use is called

1. WP
2. ULV
3. WDG
4. DF

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896192**
Option 1 ID : **19088924661**
Option 2 ID : **19088924662**
Option 3 ID : **19088924663**
Option 4 ID : **19088924664**
Status : **Answered**
Chosen Option : **1**

Q.23

Which of the following is not the classified form of conjugated proteins?

1. Lipoproteins
2. Glycoproteins
3. Metalloproteins
4. Complete proteins

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896151**
Option 1 ID : **19088924497**
Option 2 ID : **19088924498**
Option 3 ID : **19088924499**
Option 4 ID : **19088924500**
Status : **Answered**
Chosen Option : **4**

Q.24

Dominant clay mineral present in red soil is

1. Montmorrilonite
2. Kaolinite
3. Illite
4. Chlorite

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896159**
Option 1 ID : **19088924529**
Option 2 ID : **19088924530**
Option 3 ID : **19088924531**
Option 4 ID : **19088924532**
Status : **Answered**
Chosen Option : **2**

Q.25

By which process relative humidity of a parcel of air can be increased?

A. Adding dry air from outside

B. Adding moisture from outside

C. Decreasing its radiation

D. Increasing wind speed

E. Increasing temperature

Choose the ***correct*** answer from the options given below:

1. C only
2. A only
3. B only
4. D and E only

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896172**
Option 1 ID : **19088924581**
Option 2 ID : **19088924582**
Option 3 ID : **19088924583**
Option 4 ID : **19088924584**
Status : **Not Answered**
Chosen Option : **--**

Q.26

Drought Prone Area Programme (DPAP) was started during

1. 1990
2. 1980
3. 1970
4. 1960

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896254**
Option 1 ID : **19088924909**
Option 2 ID : **19088924910**
Option 3 ID : **19088924911**
Option 4 ID : **19088924912**
Status : **Answered**
Chosen Option : **4**

Q.27

Given below are two statements

Statement I: During transpiration process most of the water loss occurs through stomata.

Statement II: Respiration required CO_2 to provide energy during growth and development.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896152**
Option 1 ID : **19088924501**
Option 2 ID : **19088924502**
Option 3 ID : **19088924503**
Option 4 ID : **19088924504**
Status : **Answered**
Chosen Option : **1**

Q.28

RGR is equal to

1. NAR/LAR
2. NAR+LAR
3. (NAR+LAR)/NAR
4. NAR × LAR

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896173**
Option 1 ID : **19088924585**
Option 2 ID : **19088924586**
Option 3 ID : **19088924587**
Option 4 ID : **19088924588**
Status : **Answered**
Chosen Option : **4**

Q.29

Match **List I** with **List II**

Match the herbicides in List I with their rate of application in List II

List I	**List II**
Herbicide	**Rate of application**
A. Metolachlor	I. 150-200 g/ha
B. Tembotrione	II. 20 g/ha
C. Pyrazosulfuron-ethyl	III. 1500 g/ha
D. Oxyfluorfen	IV. 120 g/ha

Choose the **correct** answer from the options given below:

1. A - IV, B - I, C- II, D - III
2. A - III, B - IV, C- II, D - I
3. A - II, B - III, C- IV, D - I
4. A - III, B - II, C- IV, D - I

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896206**
Option 1 ID : **19088924717**
Option 2 ID : **19088924718**
Option 3 ID : **19088924719**
Option 4 ID : **19088924720**
Status : **Answered**
Chosen Option : **2**

Q.30 Given below are two statements

Statement I: Acid sulphate soil is formed due to formation of Jarosite.

Statement II: Acid sulphate soil is found in Himachal Pradesh.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896235**
Option 1 ID : **19088924833**
Option 2 ID : **19088924834**
Option 3 ID : **19088924835**
Option 4 ID : **19088924836**
Status : **Answered**
Chosen Option : **4**

Q.31 Distillery effluents also known as spent wash is a nutrient rich material and can be applied

1. Directly to soil only
2. As irrigation water only
3. Directly to soil and as irrigation water
4. Mostly as foliar spray

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896260**
Option 1 ID : **19088924933**
Option 2 ID : **19088924934**
Option 3 ID : **19088924935**
Option 4 ID : **19088924936**
Status : **Answered**
Chosen Option : **3**

Q.32

When rainfall is inadequate to meet the evapotranspiration losses, usually occurs in humid region

A. Invisible drought

B. Contingent drought

C. Meteorological drought

D. Permanent drought

Choose the ***correct*** answer from the options given below:

1. A only
2. B only
3. C only
4. D only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896242**
Option 1 ID : **19088924861**
Option 2 ID : **19088924862**
Option 3 ID : **19088924863**
Option 4 ID : **19088924864**
Status : **Answered**
Chosen Option : **3**

Q.33

Given below are two statements

Statement I: Minimum, optimum and maximum temperature for germination of rice crop are 10-12°C, 30-32°C and 36-38°C, respectively.

Statement II: Minimum, optimum and maximum temperature for germination of wheat crop are 3.0-4.5°C, 20-25°C and 30-40°C, respectively.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896164**
Option 1 ID : **19088924549**
Option 2 ID : **19088924550**
Option 3 ID : **19088924551**
Option 4 ID : **19088924552**
Status : **Answered**
Chosen Option : **1**

Q.34

The edible oil with its quick drying property is used for preparation of paints, furnishes and printing ink of which of the following crops.

1. Linseed
2. Chickpea
3. Mustard
4. Safflower

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896182**
Option 1 ID : **19088924621**
Option 2 ID : **19088924622**
Option 3 ID : **19088924623**
Option 4 ID : **19088924624**
Status : **Answered**
Chosen Option : **1**

Q.35

A Xerophytic weed

1. *Pluchea lanceolata*
2. *Phalaris minor*
3. *Typha dephantine*
4. *Cyperus iria*

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896195**
Option 1 ID : **19088924673**
Option 2 ID : **19088924674**
Option 3 ID : **19088924675**
Option 4 ID : **19088924676**
Status : **Answered**
Chosen Option : **4**

Q.36

What is the efficiency (%) of sprinkler irrigation?

1. 60 - 65
2. 65 - 70
3. 70 - 85
4. 85 – 95

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896217**
Option 1 ID : **19088924761**
Option 2 ID : **19088924762**
Option 3 ID : **19088924763**
Option 4 ID : **19088924764**
Status : **Answered**
Chosen Option : **2**

Q.37

Which stages are the most sensitive to water deficit in groundnut?

1. Vegetative and flowering
2. Flowering and pegging
3. Flowering and pod formation
4. Vegetative and pod development

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896220**
Option 1 ID : **19088924773**
Option 2 ID : **19088924774**
Option 3 ID : **19088924775**
Option 4 ID : **19088924776**
Status : **Answered**
Chosen Option : **2**

Q.38 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : Temperature above 25°C reduces the test-weight of wheat grain.

Reason R : Reduction in test-weight of wheat grain is due to hastening in maturity.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896213**
Option 1 ID : **19088924745**
Option 2 ID : **19088924746**
Option 3 ID : **19088924747**
Option 4 ID : **19088924748**
Status : **Answered**
Chosen Option : **4**

Q.39

Match **List I** with **List II**

Match the mode of action in List I with the herbicides in List II

List I	**List II**
Mode of action	**Herbicide**
A. Cell division disruption	I. Fluazifop-p-butyl
B. ALS inhibition	II. Glyphosate
C. ACCase inhibition	III. Dinitroaniline
D. EPSP synthase	IV. Sulfonyl ureas

Choose the **correct** answer from the options given below:

1. A - II, B - IV, C- III, D - I
2. A - II, B - IV, C- I, D - III
3. A - III, B - I, C- IV, D - II
4. A - III, B - IV, C- I, D - II

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896201**
Option 1 ID : **19088924697**
Option 2 ID : **19088924698**
Option 3 ID : **19088924699**
Option 4 ID : **19088924700**
Status : **Not Answered**
Chosen Option : **--**

Q.40

Maximum solar energy is trapped by

1. Planting trees
2. Cultivating crops
3. Growing algae in tanks
4. Growing grasses

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896144**
Option 1 ID : **19088924469**
Option 2 ID : **19088924470**
Option 3 ID : **19088924471**
Option 4 ID : **19088924472**
Status : **Answered**
Chosen Option : **4**

Q.41

The followings are the practices in stale seed bed

A. Irrigation of the seed bed

B. Cultivation, leveling and seed bed preparation

C. Sowing of crop seed

D. Ploughing

E. Spray of glyphosate or paraquat

Choose the ***correct*** answer from the options given below

1. E-D-A-B-C
2. A-D-B-C-E
3. D-B-A-E-C
4. B-A-D-C-E

Options

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

Question Type : **MCQ**
Question ID : **1908896197**
Option 1 ID : **19088924681**
Option 2 ID : **19088924682**
Option 3 ID : **19088924683**
Option 4 ID : **19088924684**
Status : **Answered**
Chosen Option : **4**

Q.42 Match **List I** with **List II IMD uses the aridity index on the basis of (PE-AE)/PE to assess fortnight drought situation over India**

List I	List II
Aridity class	**Index value**
A. Non-arid	I. 26-50
B. Mild	II. >50
C. Moderate	III. 0 or less
D. Severe	IV. 1-25

Choose the **correct** answer from the options given below:

1. A – IV, B – III, C – II, D - I
2. A – III, B – IV, C – I, D -II
3. A - II, B – IV, C – III, D - I
4. A – III, B –II, C – I, D – IV

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896251**
Option 1 ID : **19088924897**
Option 2 ID : **19088924898**
Option 3 ID : **19088924899**
Option 4 ID : **19088924900**
Status : **Answered**
Chosen Option : **2**

Q.43 The main objective of integrated weed management is

1. Near complete elimination of weeds with high crop yield
2. Eradicate especially perennial weeds from crops
3. Maintain weeds below the threshold level
4. To achieve high yield and profits

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896199**
Option 1 ID : **19088924689**
Option 2 ID : **19088924690**
Option 3 ID : **19088924691**
Option 4 ID : **19088924692**
Status : **Answered**
Chosen Option : **1**

Q.44 A wheat crop grown on two hectare area produced 10 ton grain and required 5 irrigations of 6 cm each, find out its field water use efficiency

1. 33.33 kg/ha-mm
2. 16.67 kg/ha-mm
3. 3.33 kg/ha-mm
4. 1.67 kg/ha-mm

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896226**
Option 1 ID : **19088924797**
Option 2 ID : **19088924798**
Option 3 ID : **19088924799**
Option 4 ID : **19088924800**
Status : **Answered**
Chosen Option : **3**

Q.45 When Pi is productivity per unit input of the limited or non-renewable resource, Si is alteration in soil properties, Wi is change in water resource and quality, Ci modification in climatic factor and t is the time, the index of sustainability (Is) can be computed as

1. $Is = (Pi \times Si \times Wi \times Ci)/t$
2. $Is = f((Pi \times Si \times Wi \times Ci)/t)$
3. $Is = f(Pi + Si + Wi + Ci) \times t$
4. $Is = [f(Pi + Si + Wi + Ci)]/t$

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896258**
Option 1 ID : **19088924925**
Option 2 ID : **19088924926**
Option 3 ID : **19088924927**
Option 4 ID : **19088924928**
Status : **Not Answered**
Chosen Option : **--**

Q.46

Match **List I** with **List II**

List I	**List II**
Equipment	**Parameter**
A. IRGA	I. Transpiration rate
B. Porometer	II. Water potential
C. Osmometer	III. Photosynthetic rate
D. Pressure bomb system	IV. Osmotic potential

Choose the **correct** answer from the options given below:

1. A-III, B-II, C-IV, D-I
2. A-III, B-I, C-IV, D-II
3. A-II, B-I, C-III, D-IV
4. A-I, B-II, C-IV, D-III

Options
1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896150**
Option 1 ID : **19088924493**
Option 2 ID : **19088924494**
Option 3 ID : **19088924495**
Option 4 ID : **19088924496**
Status : **Answered**
Chosen Option : **2**

Q.47

Match **List I** with **List II**

List I	List II
A. Bray	I. Law of diminishing return
B. Mitscherlich	II. Per cent yield concept
C. O.W. Wilcox	III. Nutrient Index
D. Parker	IV. Inverse Nitrogen-Yield concept

Choose the **correct** answer from the options given below:

1. A-I, B-IV, C-III, D-II
2. A-III, B-II, C-I, D-IV
3. A-II, B-I, C-IV, D-III
4. A-IV, B-III, C-II, D-I

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896238**
Option 1 ID : **19088924845**
Option 2 ID : **19088924846**
Option 3 ID : **19088924847**
Option 4 ID : **19088924848**
Status : **Answered**
Chosen Option : **3**

Q.48

The ratio of average depth of water stored in root zone soil depth during irrigation to the water diverted from the reservoir is known as

1. Operational efficiency
2. Project efficiency
3. Water convergence efficiency
4. Reservoir detention factor

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896221**
Option 1 ID : **19088924777**
Option 2 ID : **19088924778**
Option 3 ID : **19088924779**
Option 4 ID : **19088924780**
Status : **Answered**
Chosen Option : **1**

Q.49

Actual evapotranspiration equals maximum evaporation (ET0) when

A. Soil mixture not constraint

B. Other factors not constraint

C. Both A and B

D. A but not B

Choose the ***correct*** answer from the options given below:

1. A only
2. B only
3. C only
4. D only

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896225**
Option 1 ID : **19088924793**
Option 2 ID : **19088924794**
Option 3 ID : **19088924795**
Option 4 ID : **19088924796**
Status : **Answered**
Chosen Option : **1**

Q.50

Match **List I** with **List II**

List I	**List II**
Irrigation project	**State**
A. Koyna	I. Himachal Pradesh
B. Idukki	II. Maharashtra
C. Govind Sagar	III. Kerala
D. Hirakud	IV. Odisha

Choose the **correct** answer from the options given below:

1. A-II, B-III, C-I, D-IV
2. A-III, B-II, C-IV, D-I
3. A-IV, B-I, C-II, D-III
4. A-IV, B-III, C-I, D-II

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896214**
Option 1 ID : **19088924749**
Option 2 ID : **19088924750**
Option 3 ID : **19088924751**
Option 4 ID : **19088924752**
Status : **Not Answered**
Chosen Option : **--**

Q.51

Potassium helps in maintaining cytoplasmic pH between

1. 7 and 8
2. 6 and 7
3. 5 and 6
4. 4 and 5

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896240**
Option 1 ID : **19088924853**
Option 2 ID : **19088924854**
Option 3 ID : **19088924855**
Option 4 ID : **19088924856**
Status : **Answered**
Chosen Option : **3**

Q.52

Match **List I** with **List II**

The crop coefficient (Kc) for major crops at harvest

List I	**List II**
Crop	**Kc value**
A. Maize	I. 0.50 – 0.60
B. Sorghum	II. 0.55 – 0.60
C. Soybean	III. 0.65 – 0.70
D. Cotton	IV. 0.40 – 0.50

Choose the **correct** answer from the options given below:

1. A-II, B-I, C-IV, D-III
2. A-IV, B-III, C-II, D-I
3. A-I, B-II, C-III, D-IV
4. A-III, B-IV, C-I, D-II

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896224**
Option 1 ID : **19088924789**
Option 2 ID : **19088924790**
Option 3 ID : **19088924791**
Option 4 ID : **19088924792**
Status : **Not Answered**
Chosen Option : **--**

Q.53

Where is the coldest region of the atmosphere?

1. Tropopause
2. Stratopause
3. Mesopause
4. Troposphere

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896170**
Option 1 ID : **19088924573**
Option 2 ID : **19088924574**
Option 3 ID : **19088924575**
Option 4 ID : **19088924576**
Status : **Answered**
Chosen Option : **3**

Q.54

Quantity of seed required for sowing direct-seeded rice in a 10,000 square metre area at a spacing of 20 cm × 5 cm, if 1000 grain weight is 20 g and germination and purity is 90% each.

1. 20.0 kg
2. 24.7 kg
3. 22.2 kg
4. 50.0 kg

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896190**
Option 1 ID : **19088924653**
Option 2 ID : **19088924654**
Option 3 ID : **19088924655**
Option 4 ID : **19088924656**
Status : **Answered**
Chosen Option : **3**

Q.55 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : Median is the selection of central value, located in the middle of the series when all observations are arranged in ascending or descending order of magnitude but the use of median is not so popular.

Reason R : Median does not possess any mathematical properties.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896156**
Option 1 ID : **19088924517**
Option 2 ID : **19088924518**
Option 3 ID : **19088924519**
Option 4 ID : **19088924520**
Status : **Not Answered**
Chosen Option : **--**

Q.56

Match **List I** with **List II**

List I	**List II**
Crops	**Scientific names**
A. Oats	I. *Trifolium alexandrinun*
B. Barseem	II. *Cyamopsis tetragonoloba*
C. Lucern	III. *Medicavo sativa*
D. Guar	IV. *Avena sativa*

Choose the **correct** answer from the options given below:

1. A-IV, B-I, C-III, D-II
2. A-II, B- I, C-IV, D-III
3. A-III, B-II, C- I, D-IV
4. A-II, B-III, C-I, D-IV

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896187**
Option 1 ID : **19088924641**
Option 2 ID : **19088924642**
Option 3 ID : **19088924643**
Option 4 ID : **19088924644**
Status : **Answered**
Chosen Option : **1**

Q.57

How many Agro-ecological regions are there in India according to ICAR?

1. 8
2. 15
3. 20
4. 36

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896166**
Option 1 ID : **19088924557**
Option 2 ID : **19088924558**
Option 3 ID : **19088924559**
Option 4 ID : **19088924560**
Status : **Answered**
Chosen Option : **3**

Q.58 Given below are two statements

Statement I: Use efficiency of fertilizer NPK can be improved by following integrated nutrient management (INM).

Statement II: Integrated nutrient management (INM) utilizes the use of organic manure, inorganic fertilizers and biofertilizers.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896236**
Option 1 ID : **19088924837**
Option 2 ID : **19088924838**
Option 3 ID : **19088924839**
Option 4 ID : **19088924840**
Status : **Answered**
Chosen Option : **1**

Q.59

If the water potential of pure water is equal to zero, what does it mean?

A. Water with solutes

B. Water contains solutes and gases

C. Water without solutes

D. Water with organic sugars

E. Water with inorganic sugars

Choose the ***correct*** answer from the options given below:

1. A only
2. C only
3. B and D only
4. E only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896149**
Option 1 ID : **19088924489**
Option 2 ID : **19088924490**
Option 3 ID : **19088924491**
Option 4 ID : **19088924492**
Status : **Not Answered**
Chosen Option : **--**

Q.60

For a field experiment conducted in RBD with 4 replications and 6 treatments, compute standard error of mean, if error sum of squares is 120.

1. 1.73
2. 2.23
3. 2.80
4. 1.41

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896174**
Option 1 ID : **19088924589**
Option 2 ID : **19088924590**
Option 3 ID : **19088924591**
Option 4 ID : **19088924592**
Status : **Not Answered**
Chosen Option : **--**

Q.61

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: The main aim of topping and desuckering operations is to divert the energy and nutrients of the plants from flower head to leaves.

Reason R: These activities are done to influence the yield and quality of tobacco.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**
2. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**
3. **A** is correct but **R** is not correct
4. **A** is not correct but **R** is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896186**
Option 1 ID : **19088924637**
Option 2 ID : **19088924638**
Option 3 ID : **19088924639**
Option 4 ID : **19088924640**
Status : **Answered**
Chosen Option : **3**

Q.62

Klinostat is employed in the study of

1. Osmosis
2. Growth movements
3. Photosynthesis
4. Respiration

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896147**
Option 1 ID : **19088924481**
Option 2 ID : **19088924482**
Option 3 ID : **19088924483**
Option 4 ID : **19088924484**
Status : **Not Answered**
Chosen Option : **--**

Q.63 Given below are two statements

Statement I: The sun behaves as a black body.

Statement II: Sun absorbs both all energy received and in turn radiates energy at the maximum rate possible for a given temperature.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896167**
Option 1 ID : **19088924561**
Option 2 ID : **19088924562**
Option 3 ID : **19088924563**
Option 4 ID : **19088924564**
Status : **Not Answered**
Chosen Option : **--**

Q.64 The amount of mixed fertilizers grade (12:32:16), urea and MOP required to supply 100 kg N, 50 kg P_2O_5 and 50 kg K_2O/ ha in rice

1. 50 kg (fertilizers grade): 90 kg (Urea): 22 (MOP)
2. 78 kg (fertilizers grade): 60 kg (Urea): 32 (MOP)
3. 156 kg (fertilizers grade): 177 kg (Urea): 42 (MOP)
4. 204 kg (fertilizers grade): 240 kg (Urea): 54 (MOP)

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896191**
Option 1 ID : **19088924657**
Option 2 ID : **19088924658**
Option 3 ID : **19088924659**
Option 4 ID : **19088924660**
Status : **Not Answered**
Chosen Option : **--**

Q.65 Inter-culture with bullocks or tractor is mostly performed in widely row sown crops. A solid (broadcast) crop where it is usually performed is

1. Direct seeded rice
2. Ragi
3. Sorghum
4. Wheat

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896193**
Option 1 ID : **19088924665**
Option 2 ID : **19088924666**
Option 3 ID : **19088924667**
Option 4 ID : **19088924668**
Status : **Answered**
Chosen Option : **1**

Q.66 The characteristics of saline-alkali soils are

A. pH > 8.5

B. pH < 8.5

C. EC > 4 dS/m

D. EC < 4 dS/m

E. ESP > 15

Choose the ***correct*** answer from the options given below:

1. A, B and C Only
2. B, C and E Only
3. A, D and E Only
4. A, C and E Only

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896255**
Option 1 ID : **19088924913**
Option 2 ID : **19088924914**
Option 3 ID : **19088924915**
Option 4 ID : **19088924916**
Status : **Answered**
Chosen Option : **4**

Q.67 Among the followings, nitrification inhibitor is

1. Encapsulated calcium carbide
2. Lac coated urea
3. Urea formaldehyde
4. Sulphur coated urea

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896231**
Option 1 ID : **19088924817**
Option 2 ID : **19088924818**
Option 3 ID : **19088924819**
Option 4 ID : **19088924820**
Status : **Answered**
Chosen Option : **3**

Q.68 Which one of the following is radiation reflecting anti-transparent?

1. CCC-2
2. Kaolin
3. Mobi-leaf
4. Phenyl mercuric acetate

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896248**
Option 1 ID : **19088924885**
Option 2 ID : **19088924886**
Option 3 ID : **19088924887**
Option 4 ID : **19088924888**
Status : **Answered**
Chosen Option : **3**

Q.69 Given below are two statements

Statement I: The greenhouse effect is the retention of heat in the lower atmosphere due to absorption and re-radiation by clouds and certain gases.

Statement II: The anthropogenic greenhouse gases effect is the result of the accumulation of trace gases in the air from human activities.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896168**
Option 1 ID : **19088924565**
Option 2 ID : **19088924566**
Option 3 ID : **19088924567**
Option 4 ID : **19088924568**
Status : **Answered**
Chosen Option : **1**

Q.70 Recently developed mineral soils with no diagnostic horizon, low degree of soil development due to less time, occurs in all states of India is called

1. Inceptisols
2. Alfisols
3. Entisols
4. Histosols

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896161**
Option 1 ID : **19088924537**
Option 2 ID : **19088924538**
Option 3 ID : **19088924539**
Option 4 ID : **19088924540**
Status : **Answered**
Chosen Option : **3**

Q.71 Mitscherlich's equation is expressed by the equation

1. $\log (A+Y) = \log A - Cb$
2. $\log (A-Y) = \log A - Cb$
3. $\log (A-Y) = \log A + Cb$
4. $\log (A-Y) = \log A - Cb^2$

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896230**
Option 1 ID : **19088924813**
Option 2 ID : **19088924814**
Option 3 ID : **19088924815**
Option 4 ID : **19088924816**
Status : **Answered**
Chosen Option : **4**

Q.72 Optical sensor used for real-time precision of Nitrogen management in agricultural crops is

1. Leaf colour chart
2. Green Seeker
3. Ceptometer
4. Infrared Gas Analyser

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896175**
Option 1 ID : **19088924593**
Option 2 ID : **19088924594**
Option 3 ID : **19088924595**
Option 4 ID : **19088924596**
Status : **Answered**
Chosen Option : **2**

Q.73 Given below are two statements

Statement I: Due to lack of mobility the competition between crop and weeds is active being visible in the begining

Statement II: A good competitor could be the species with least resource requirement

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896198**
Option 1 ID : **19088924685**
Option 2 ID : **19088924686**
Option 3 ID : **19088924687**
Option 4 ID : **19088924688**
Status : **Answered**
Chosen Option : **1**

Q.74 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: Nickel is essential for the function of urease enzyme.

Reason R: Nickel helps in breaking down urea into NH_3 and CO_2.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**
2. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**
3. **A** is correct but **R** is not correct
4. **A** is not correct but **R** is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896232**
Option 1 ID : **19088924821**
Option 2 ID : **19088924822**
Option 3 ID : **19088924823**
Option 4 ID : **19088924824**
Status : **Answered**
Chosen Option : **1**

Q.75 The most widely accepted theory for ascent of sap in trees is

1. Capillarity
2. Role of atmospheric pressure
3. Pulsating action of living cell
4. Transpiration pull and cohesion theory of Dixon and Jolly

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896143**
Option 1 ID : **19088924465**
Option 2 ID : **19088924466**
Option 3 ID : **19088924467**
Option 4 ID : **19088924468**
Status : **Answered**
Chosen Option : **1**

Q.76 Unfolding of a protein can be termed as

1. Renaturation
2. Denaturation
3. Oxidation
4. Reduction

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896153**
Option 1 ID : **19088924505**
Option 2 ID : **19088924506**
Option 3 ID : **19088924507**
Option 4 ID : **19088924508**
Status : **Answered**
Chosen Option : **1**

Q.77 In shifting cultivation, the shifting cycle has been shrunk to about 5 years or even below 5 years, mainly due to

1. Increase in soil fertility
2. Decrease in population of tribal farmers practicing shifting cultivation
3. Increase in population of tribal farmers
4. Quality of produce from shifting cultivation is high

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896259**
Option 1 ID : **19088924929**
Option 2 ID : **19088924930**
Option 3 ID : **19088924931**
Option 4 ID : **19088924932**
Status : **Answered**
Chosen Option : **4**

Q.78 Domestication of sheep was started during

1. 7700 BC
2. 7500 BC
3. 6000 BC
4. 4400 BC

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896178**
Option 1 ID : **19088924605**
Option 2 ID : **19088924606**
Option 3 ID : **19088924607**
Option 4 ID : **19088924608**
Status : **Answered**
Chosen Option : **1**

Q.79 Given below are two statements

Statement I: Conservation agriculture is congenial for formation of soil aggregates and humus, leading to improved soil structure, soil porosity and pore size distribution.

Statement II: Adoption of conservation agriculture results in increased crusting and surface sealing and decreased soil water storage capacity.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896261**
Option 1 ID : **19088924937**
Option 2 ID : **19088924938**
Option 3 ID : **19088924939**
Option 4 ID : **19088924940**
Status : **Answered**
Chosen Option : **3**

Q.80 Drug used for the cure of constipation and dysentery is originated from which of the following crops

1. *Mentha arvensis*
2. *Cymbopogon martini*
3. *Plantago ovata*
4. *Cymbopogon flexuosus*

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896185**
Option 1 ID : **19088924633**
Option 2 ID : **19088924634**
Option 3 ID : **19088924635**
Option 4 ID : **19088924636**
Status : **Answered**
Chosen Option : **3**

Q.81 Match **List I** with **List II**

List I	**List II**
Year	**Events**
A. 1920	I. Royal Commission on Agriculture
B. 1942	II. Central Soil Conservation Board
C. 1953	III. ICRISAT
D. 1972	IV. Bombay Land Development Act

Choose the **correct** answer from the options given below:

1. A – I, B – IV, C – II, D - III
2. A – II, B – I, C – III, D -IV
3. A - III, B – I, C – IV, D - II
4. A – IV, B –III, C – I, D - II

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896244**
Option 1 ID : **19088924869**
Option 2 ID : **19088924870**
Option 3 ID : **19088924871**
Option 4 ID : **19088924872**
Status : **Answered**
Chosen Option : **1**

Q.82 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: Sodic or alkali soils can be reclaimed by application of calcium carbonate ($CaCO_3$).

Reason R: Removal of excess salts to a desired level in the rooting zone is the basic principal of reclamation of saline soils.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both **A** and **R** are correct and **R** is not the correct explanation of **A**
2. **A** is correct but **R** is not correct
3. **A** is not correct but **R** is correct
4. Both **A** and **R** are correct and **R** is the correct explanation of **A**

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896257**
Option 1 ID : **19088924921**
Option 2 ID : **19088924922**
Option 3 ID : **19088924923**
Option 4 ID : **19088924924**
Status : **Answered**
Chosen Option : **3**

Q.83 India Meteorological Department has been using long range or seasonal forecast for the SW monsoon rainfall during June – September since

1. 1883
2. 1884
3. 1885
4. 1886

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896252**
Option 1 ID : **19088924901**
Option 2 ID : **19088924902**
Option 3 ID : **19088924903**
Option 4 ID : **19088924904**
Status : **Not Answered**
Chosen Option : **--**

Q.84 Given below are two statements

Statement I: In case of pre-emergence herbicides less droplet size is effective and for post-emergence herbicides bigger droplet size is desirable.

Statement II: More the size of droplet, less the chance of herbicide drift and less herbicide activity.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896204**
Option 1 ID : **19088924709**
Option 2 ID : **19088924710**
Option 3 ID : **19088924711**
Option 4 ID : **19088924712**
Status : **Answered**
Chosen Option : **1**

Q.85 Given below are two statements

Statement I: Synoptic weather forecasts are popular all over the World, because complex atmospheric equations can be understood through numerical charts.

Statement II: In statistical weather forecast approach, a forecast tries to correlate one weather element with another.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896169**
Option 1 ID : **19088924569**
Option 2 ID : **19088924570**
Option 3 ID : **19088924571**
Option 4 ID : **19088924572**
Status : **Answered**
Chosen Option : **1**

Q.86

Following are the statements pertaining to a strip-plot-design

A. Vertical strip-plot and horizontal strip-plot are never perpendicular to each other.

B. Precision associated with vertical factor is sacrificed to improve the precision of horizontal factor.

C. The intersection plot is smallest in size.

D. There is no relationship between vertical plot and horizontal plot with respect to their sizes.

E. Precision of intersection effect is lower than main effects of vertical and horizontal factors.

Choose the ***correct*** answer from the options given below:

1. A and C only
2. B and D only
3. A, B and C only
4. C and D only

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896157**
Option 1 ID : **19088924521**
Option 2 ID : **19088924522**
Option 3 ID : **19088924523**
Option 4 ID : **19088924524**
Status : **Answered**
Chosen Option : **3**

Q.87

Volume of water required to spray herbicide in 2 ha land, if 2 litre water is used for a swath of 1.4 m width and 50 m length

1. 441.4 litre
2. 571.4 litre
3. 631.4 litre
4. 771.4 litre

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896210**
Option 1 ID : **19088924733**
Option 2 ID : **19088924734**
Option 3 ID : **19088924735**
Option 4 ID : **19088924736**
Status : **Not Answered**
Chosen Option : **--**

Q.88 Earthing-up is needed in sugarcane under which of the following planting systems.

1. Furrow planting
2. Trench planting
3. Flat bed planting
4. Raised bed planting

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896188**
Option 1 ID : **19088924645**
Option 2 ID : **19088924646**
Option 3 ID : **19088924647**
Option 4 ID : **19088924648**
Status : **Answered**
Chosen Option : **3**

Q.89 Under inter-row water harvesting, the furrows of about 30-40 cm with depth of _____ are alternated by ridges of 60-70 cm.

A. 10 cm

B. 15 cm

C. 20 cm

D. 25 cm

Choose the ***correct*** answer from the options given below:

1. A only
2. B only
3. C only
4. D only

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896246**
Option 1 ID : **19088924877**
Option 2 ID : **19088924878**
Option 3 ID : **19088924879**
Option 4 ID : **19088924880**
Status : **Not Answered**
Chosen Option : **--**

Q.90

A. Clay content of black soils ranges from 30–80% .

B. Black soils are developed on basalt or alluvium derived basaltic rock.

C. Black soils exhibit eluviation and/or illuviation process.

D. Black soils have high bulk density.

Choose the ***correct*** answer from the options given below:

1. A, B and C only
2. A, B and D only
3. A, C and D only
4. B, C and D only

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896160**
Option 1 ID : **19088924533**
Option 2 ID : **19088924534**
Option 3 ID : **19088924535**
Option 4 ID : **19088924536**
Status : **Answered**
Chosen Option : **3**

Q.91

Husk as drug is the economic part of which of the following plants

1. Mint
2. Citronella
3. Isabgol
4. Palmarosa

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896189**
Option 1 ID : **19088924649**
Option 2 ID : **19088924650**
Option 3 ID : **19088924651**
Option 4 ID : **19088924652**
Status : **Answered**
Chosen Option : **3**

Q.92

Enzyme used by the biscuit manufacturers to lower the protein level of flour is

1. Amylase
2. Protease
3. Cellulase
4. Xylanase

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896146**
Option 1 ID : **19088924477**
Option 2 ID : **19088924478**
Option 3 ID : **19088924479**
Option 4 ID : **19088924480**
Status : **Answered**
Chosen Option : **1**

Q.93

What will be the weed control efficiency (%), if the number of weeds in clodinafop treated plot is 190/m^2 and that in a control plot is 361/m^2?

1. 33.4
2. 43.4
3. 47.3
4. 57.3

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896202**
Option 1 ID : **19088924701**
Option 2 ID : **19088924702**
Option 3 ID : **19088924703**
Option 4 ID : **19088924704**
Status : **Answered**
Chosen Option : **3**

Q.94

Given below are two statements

Statement I: C3 weeds such as *Avena fatua*, *Phalaris minor* and *Chenopodium album* are generally more competitive than C4 weeds especially at higher temperature conditions.

Statement II: In C4 weeds photosynthesis occurs via the Calvin – Benson Cycle and the first stable product is phosphoglyceric acid.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896208**
Option 1 ID : **19088924725**
Option 2 ID : **19088924726**
Option 3 ID : **19088924727**
Option 4 ID : **19088924728**
Status : **Answered**
Chosen Option : **2**

Q.95

Water requirement satisfaction index (WRSI) can be computed using the information on seasonal actual evapotranspiration (AET) and seasonal crop water requirement.

1. WRSI=AET/WR $\times 100$
2. WRSI=(AET $\times$WR)/100
3. WRSI=WR/AET $\times 100$
4. WRSI=(WR-AET)/WR $\times 100$

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896223**
Option 1 ID : **19088924785**
Option 2 ID : **19088924786**
Option 3 ID : **19088924787**
Option 4 ID : **19088924788**
Status : **Answered**
Chosen Option : **4**

Q.96

Sowing depths for maize and semi dwarf wheat seeds are

1. 3-5 cm and 5-6 cm
2. 2-3 cm and 4-5 cm
3. 9-10 cm and 7-9 cm
4. 2-4 cm and 4-8 cm

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896177**
Option 1 ID : **19088924601**
Option 2 ID : **19088924602**
Option 3 ID : **19088924603**
Option 4 ID : **19088924604**
Status : **Answered**
Chosen Option : **2**

Q.97

Which of the following is the correct nucleotide pair in RNA

1. Adenine-Guanine
2. Adenine-Thiamine
3. Adenine-Uracil
4. Adenine-Cytosine

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896155**
Option 1 ID : **19088924513**
Option 2 ID : **19088924514**
Option 3 ID : **19088924515**
Option 4 ID : **19088924516**
Status : **Answered**
Chosen Option : **3**

Q.98 How much area can be irrigated with a flow rate of 30 liters per second for 10 hours a day when irrigation requirement of the 100 days duration crop is 50 cm?

1. 60.0 ha
2. 30.0 ha
3. 21.6 ha
4. 16.6 ha

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896218**
Option 1 ID : **19088924765**
Option 2 ID : **19088924766**
Option 3 ID : **19088924767**
Option 4 ID : **19088924768**
Status : **Not Answered**
Chosen Option : **--**

Q.99 The amount of basalin 45 EC for a plot of 50 m × 40 m at recommended rate of fluchloralin at 0.75 kg/ha is

1. 0.111 kg
2. 0.222 kg
3. 0.333 kg
4. 0.444 kg

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896209**
Option 1 ID : **19088924729**
Option 2 ID : **19088924730**
Option 3 ID : **19088924731**
Option 4 ID : **19088924732**
Status : **Not Answered**
Chosen Option : **--**

Q.100 Given below are two statements

Statement I: Periodically, a phenomenon called as southern oscillation that is a global scale see-saw in surface pressure with center of action near Indonesia – North Australia in one side and South-east Pacific region in the other side occurs and when it occurs the above mentioned normal situation greatly changes.

Statement II: Pressure rises in the Indonesian region and as a consequence the steady Trade wind diminish and may even change direction.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896253**
Option 1 ID : **19088924905**
Option 2 ID : **19088924906**
Option 3 ID : **19088924907**
Option 4 ID : **19088924908**
Status : **Not Answered**
Chosen Option : **--**

Q.101 Intercropping is possible in regions receiving 600 -750 mm of rainfall and having effective growing season in weeks of

1. 10-15
2. 15-20
3. 20-30
4. 30-40

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896249**
Option 1 ID : **19088924889**
Option 2 ID : **19088924890**
Option 3 ID : **19088924891**
Option 4 ID : **19088924892**
Status : **Answered**
Chosen Option : **2**

Q.102

Match **List I** with **List II According to De Martonne's classification**

List I	**List II**
Indices	**Vegetation condition**
A. < 30	I. True desert
B. 20-30	II. Dry steepe
C. 10-20	III. Prairies
D. > 5	IV. Forest vegetation

Choose the **correct** answer from the options given below:

1. A – IV, B – III, C – II, D - I
2. A – III, B – IV, C – I, D -II
3. A - II, B – IV, C – I, D - III
4. A – III, B –II, C – I, D – IV

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896247**
Option 1 ID : **19088924881**
Option 2 ID : **19088924882**
Option 3 ID : **19088924883**
Option 4 ID : **19088924884**
Status : **Answered**
Chosen Option : **1**

Q.103

Match **List I** with **List II**

Match the crop in List I with the registered herbicide in List II

List I	**List II**
Crop	**Herbicide**
A. Soybean	I. Anilophos
B. Maize	II. Glyphosate
C. Rice	III. Tembotrione
D. Tea	IV. Quazalofop-ethyl

Choose the **correct** answer from the options given below:

1. A - IV, B - III, C- I, D - II
2. A - I, B - II, C- IV, D - III
3. A - II, B - I, C- IV, D - III
4. A - I, B - III, C- IV, D - II

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896211**
Option 1 ID : **19088924737**
Option 2 ID : **19088924738**
Option 3 ID : **19088924739**
Option 4 ID : **19088924740**
Status : **Answered**
Chosen Option : **4**

Q.104

A commercial bio-herbicide for the control of *Sorghum halepense*

1. Devine
2. Bipolaris
3. Biolophos
4. Lubao

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896194**
Option 1 ID : **19088924669**
Option 2 ID : **19088924670**
Option 3 ID : **19088924671**
Option 4 ID : **19088924672**
Status : **Answered**
Chosen Option : **2**

Q.105

Magnesium is a component of

1. Chlorophyll
2. Cytochrome
3. Haemoglobin
4. Haemocyanin

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896145**
Option 1 ID : **19088924473**
Option 2 ID : **19088924474**
Option 3 ID : **19088924475**
Option 4 ID : **19088924476**
Status : **Answered**
Chosen Option : **1**

Q.106 Macrosperma and microsperma are the major groups of following crops

1. Lentil
2. Wheat
3. Chickpea
4. Fieldpea

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896184**
Option 1 ID : **19088924629**
Option 2 ID : **19088924630**
Option 3 ID : **19088924631**
Option 4 ID : **19088924632**
Status : **Answered**
Chosen Option : **1**

Q.107 Essentiality of zinc in plant was discovered in 1926 by

1. D.I. Arnon and P.R. Stout
2. A.L. Sommer and C.P. Lipman
3. Sprengel
4. K. Warington

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896227**
Option 1 ID : **19088924801**
Option 2 ID : **19088924802**
Option 3 ID : **19088924803**
Option 4 ID : **19088924804**
Status : **Answered**
Chosen Option : **2**

Q.108 Given below are two statements

Statement I: Plants absorb nitrogen from the soil solution as nitrate (NO_3^-) and as ammonium (NH_4^+) ions.

Statement II: The content of N in healthy plants ranges between 1 and 5% depending upon the species or variety.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896241**
Option 1 ID : **19088924857**
Option 2 ID : **19088924858**
Option 3 ID : **19088924859**
Option 4 ID : **19088924860**
Status : **Answered**
Chosen Option : **1**

Q.109 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : Break of monsoon at critical stages for soil moisture stress leads to reduction in yield.

Reason R : Only when the break of monsoon exceeds 15 days duration or more.

In light of the above statements, choose the ***correct*** answer from the options given below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896245**
Option 1 ID : **19088924873**
Option 2 ID : **19088924874**
Option 3 ID : **19088924875**
Option 4 ID : **19088924876**
Status : **Not Answered**
Chosen Option : **--**

Q.110

In C4 plants, Calvin cycle works at

1. Stroma of bundle sheath chloroplasts
2. Grana of bundle sheath chloroplasts
3. Grana of mesophyll chloroplasts
4. Stroma of mesophyll chloroplasts

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896142**
Option 1 ID : **19088924461**
Option 2 ID : **19088924462**
Option 3 ID : **19088924463**
Option 4 ID : **19088924464**
Status : **Answered**
Chosen Option : **3**

Q.111

Given below are two statements

Statement I: India is a country that extends from South to North for about 3000 km between the longitude of 8°4' N and 37°6' N.

Statement II: India extends from East to West for about 3200 km between the longitude 68° 9' E and 92°25' E.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896176**
Option 1 ID : **19088924597**
Option 2 ID : **19088924598**
Option 3 ID : **19088924599**
Option 4 ID : **19088924600**
Status : **Answered**
Chosen Option : **1**

Q.112 A phenomenon in degradation process wherein an intermediate product of herbicides proves more phytotoxic than the parent compound

1. Reverse metabolism
2. Conjugation
3. Metabolism
4. Coupling

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896205**
Option 1 ID : **19088924713**
Option 2 ID : **19088924714**
Option 3 ID : **19088924715**
Option 4 ID : **19088924716**
Status : **Answered**
Chosen Option : **2**

Q.113 Match **List I** with **List II**

List I	**List II**
Crops	**Varieties**
A. Chickpea	I. PU-31
B. Lentil	II. L-4147
C. Urd bean	III. GNG-469
D. Moong bean	IV. IPM 02-3

Choose the **correct** answer from the options given below:

1. A-III, B-II, C- I, D-IV
2. A-II, B- I, C-IV, D-III
3. A-IV, B-I, C-II, D-III
4. A-II, B-III, C-I, D-IV

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896181**
Option 1 ID : **19088924617**
Option 2 ID : **19088924618**
Option 3 ID : **19088924619**
Option 4 ID : **19088924620**
Status : **Answered**
Chosen Option : **3**

Q.114 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: Integrated use of phosphatic fertilizers and organic manure/crop residues increases P use efficiency by reducing P-fixation in soils.

Reason R: Decrease in P-fixation in presence of organic matter in soils may be ascribed by formation of phosphohumic complexes that are easily assimilated by plants and formation of coating on the surface of sesquioxide particles.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**
2. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**
3. **A** is correct but **R** is not correct
4. **A** is not correct but **R** is correct

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896234**
Option 1 ID : **19088924829**
Option 2 ID : **19088924830**
Option 3 ID : **19088924831**
Option 4 ID : **19088924832**
Status : **Not Answered**
Chosen Option : **--**

Q.115 An example of the simplest carbohydrate

1. Glucose
2. Sucrose
3. Dihydroxyacetone
4. Glyceraldehyde

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896148**
Option 1 ID : **19088924485**
Option 2 ID : **19088924486**
Option 3 ID : **19088924487**
Option 4 ID : **19088924488**
Status : **Answered**
Chosen Option : **2**

Q.116 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: The geostationary satellite appears stationary to earth and can view the same area on the earth continuously.

Reason R: The geostationary satellite is orbiting in the polar plane of earth at 36000 km above the earth.

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**
2. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**
3. **A** is correct but **R** is not correct
4. **A** is not correct but **R** is correct

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**
Question ID : **1908896163**
Option 1 ID : **19088924545**
Option 2 ID : **19088924546**
Option 3 ID : **19088924547**
Option 4 ID : **19088924548**
Status : **Answered**
Chosen Option : **1**

Q.117

Match **List I** with **List II**

List I	**List II**
Parameters	**Unit**
A. Relative humidity	I. Degree centigrade
B. Temperature	II. Km per hour
C. Wind speed	III. Octa
D. Cloud cover	IV. Percentage

Choose the **correct** answer from the options given below:

1. A-III, B-II, C- IV, D-I
2. A-I, B-IV, C-III, D-II
3. A-IV, B-I, C-II, D-III
4. A-II, B-III, C-I, D-IV

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896162**
Option 1 ID : **19088924541**
Option 2 ID : **19088924542**
Option 3 ID : **19088924543**
Option 4 ID : **19088924544**
Status : **Answered**
Chosen Option : **3**

Q.118

The maximum permissible slope per cent for furrow irrigation (short, near horizontal furrows) is

1. 0.1 Per cent
2. 0.5 Per cent
3. 1.0 Per cent
4. 1.5 Per cent

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896215**
Option 1 ID : **19088924753**
Option 2 ID : **19088924754**
Option 3 ID : **19088924755**
Option 4 ID : **19088924756**
Status : **Answered**
Chosen Option : **2**

Q.119 Match **List I** with **List II**

List I	List II
A. Sulphur	I. Reddish colour on green leaves or stem appearing on older leaves
B. Phosphorus	II. Chlorosis starting from leaf tips appearing on older leaves
C. Nitrogen	III. Youngest leaf is brownish or dead (e.g. on beet)
D. Boron	IV. Mottled yellow-green leaves with yellowish veins appearing on younger leaves

Choose the **correct** answer from the options given below:

1. A-II, B-IV, C-III, D-I
2. A-II, B-III, C-I, D-IV
3. A-I, B-II, C-III, D-IV
4. A-VI, B-I, C-II, D-III

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896237**
Option 1 ID : **19088924841**
Option 2 ID : **19088924842**
Option 3 ID : **19088924843**
Option 4 ID : **19088924844**
Status : **Answered**
Chosen Option : **4**

Q.120 Tembotrione has been registered in India for its use in

1. Sorghum
2. Maize
3. Pearlmillet
4. Soybean

Options 1. 1
2. 2
3. 3
4. 4

Question Type : **MCQ**
Question ID : **1908896200**
Option 1 ID : **19088924693**
Option 2 ID : **19088924694**
Option 3 ID : **19088924695**
Option 4 ID : **19088924696**
Status : **Answered**
Chosen Option : **2**

NATIONAL TESTING AGENCY

ICAR's All India Entrance Examination September 2021

Final Answer Key on which result compiled on 23.10.2021

Exam Date : 17.09.2021 Shift : S1

Subject : PG - AGRONOMY (05)

Question ID	Correct Option ID	Question ID	Correct Option ID	Question ID	Correct Option ID
1908896142	19088924461	1908896197	19088924683	1908896252	19088924904
1908896143	19088924468	1908896198	19088924688	1908896253	19088924905
1908896144	19088924471	1908896199	19088924691	1908896254	19088924911
1908896145	19088924473	1908896200	19088924694	1908896255	19088924914
1908896146	19088924478	1908896201	19088924700	1908896256	19088924917
1908896147	19088924482	1908896202	19088924703	1908896257	19088924923
1908896148	19088924488	1908896203	19088924705	1908896258	19088924926
1908896149	19088924490	1908896204	19088924712	1908896259	19088924931
1908896150	19088924494	1908896205	19088924713	1908896260	19088924935
1908896151	19088924500	1908896206	19088924718	1908896261	19088924939
1908896152	19088924503	1908896207	Dropped		
1908896153	19088924506	1908896208	19088924726		
1908896154	19088924509	1908896209	19088924731		
1908896155	19088924515	1908896210	19088924734		
1908896156	19088924517	1908896211	19088924737		
1908896157	19088924524	1908896212	Dropped		
1908896158	19088924525	1908896213	19088924745		
1908896159	19088924530	1908896214	19088924749		
1908896160	19088924534	1908896215	19088924754		
1908896161	19088924539	1908896216	19088924757		
1908896162	19088924543	1908896217	19088924763		
1908896163	19088924547	1908896218	19088924767		
1908896164	19088924551	1908896219	19088924769		
1908896165	19088924554	1908896220	19088924774		
1908896166	19088924559	1908896221	19088924778		
1908896167	19088924561	1908896222	19088924781		
1908896168	19088924565	1908896223	19088924785		
1908896169	19088924572	1908896224	19088924789		
1908896170	19088924575	1908896225	19088924795		
1908896171	19088924577	1908896226	19088924798		
1908896172	19088924583	1908896227	19088924802		
1908896173	19088924588	1908896228	19088924805		
1908896174	19088924592	1908896229	19088924810		
1908896175	19088924594	1908896230	19088924814		
1908896176	19088924598	1908896231	19088924817		
1908896177	19088924601	1908896232	19088924822		
1908896178	19088924605	1908896233	19088924826		
1908896179	19088924612	1908896234	19088924829		
1908896180	19088924615	1908896235	19088924835		
1908896181	19088924617	1908896236	19088924837		
1908896182	19088924621	1908896237	19088924844		
1908896183	19088924625	1908896238	19088924847		
1908896184	19088924629	1908896239	19088924851		
1908896185	19088924635	1908896240	19088924853		
1908896186	19088924637	1908896241	19088924857		
1908896187	19088924641	1908896242	19088924861		
1908896188	19088924647	1908896243	19088924867		
1908896189	19088924651	1908896244	19088924869		
1908896190	19088924654	1908896245	19088924873		
1908896191	19088924659	1908896246	19088924878		
1908896192	19088924662	1908896247	19088924881		
1908896193	19088924665	1908896248	19088924886		
1908896194	19088924670	1908896249	19088924891		
1908896195	19088924673	1908896250	19088924893		
1908896196	19088924679	1908896251	19088924898		