

# National Testing Agency

**Question Paper Name:** AGRONOMY 1st July 2019 Shift2  
**Subject Name:** AGRONOMY  
**Creation Date:** 2019-07-01 18:50:40  
**Duration:** 150  
**Total Marks:** 640  
**Display Marks:** Yes  
**Share Answer Key With Delivery Engine:** Yes  
**Actual Answer Key:** Yes

## AGRONOMY

**Group Number :** 1  
**Group Id :** 5531725  
**Group Maximum Duration :** 0  
**Group Minimum Duration :** 150  
**Revisit allowed for view? :** No  
**Revisit allowed for edit? :** No  
**Break time:** 0  
**Group Marks:** 640

## Part A : AGRONOMY

**Section Id :** 55317213  
**Section Number :** 1  
**Section type :** Online  
**Mandatory or Optional:** Mandatory  
**Number of Questions:** 160  
**Number of Questions to be attempted:** 160  
**Section Marks:** 640  
**Display Number Panel:** Yes  
**Group All Questions:** No

**Sub-Section Number:** 1  
**Sub-Section Id:** 55317235  
**Question Shuffling Allowed :** Yes

**Question Number : 1 Question Id : 553172835 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Multigerm seed is found in crop

1. Sugarcane
2. Sugarbeet
3. Cotton
4. Sunflower

Options :

5531723281. 1

5531723282. 2

5531723283. 3

5531723284. 4

Question Number : 2 Question Id : 553172836 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Leaf Priming is harvesting technique in

1. Tobacco
2. Chickpea
3. Sugarcane
4. Potato

Options :

5531723285. 1

5531723286. 2

5531723287. 3

5531723288. 4

Question Number : 3 Question Id : 553172837 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

*Brassica juncea* is

1. Yellow sarson
2. Indian mustard
3. Karan rai
4. Gobhi sarson

Options :

5531723289. 1

5531723290. 2

5531723291. 3

5531723292. 4

Question Number : 4 Question Id : 553172838 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Crop designated as "Queen of Cereals" is

1. Paddy
2. Maize
3. Pearl millet
4. Oats

Options :

5531723293. 1

5531723294. 2

5531723295. 3

5531723296. 4

Question Number : 5 Question Id : 553172839 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An early maturing variety of sugarcane is

1. CoS 767
2. Co 0238
3. Co Pant 90223
4. CoS 88216

Options :

5531723297. 1

5531723298. 2

5531723299. 3

5531723300. 4

Question Number : 6 Question Id : 553172840 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Polarimeter is used for

1. Sucrose estimation
2. Nitrogen estimation
3. Oil estimation
4. Plant/tree height measurement

Options :

5531723301. 1

5531723302. 2

5531723303. 3

5531723304. 4

**Question Number : 7 Question Id : 553172841 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is not a cultivated species of sugarcane?

1. *Saccharum officinarum*
2. *Saccharum barberi*
3. *Saccharum sinense*
4. *Saccharum robustum*

**Options :**

5531723305. 1

5531723306. 2

5531723307. 3

5531723308. 4

**Question Number : 8 Question Id : 553172842 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Sugarcane Breeding Institute is located at

1. Coimbatore
2. Lucknow
3. Hyderabad
4. Kerala

**Options :**

5531723309. 1

5531723310. 2

5531723311. 3

5531723312. 4

**Question Number : 9 Question Id : 553172843 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Transcription does not involve

1. Uncoiling of DNA molecule
2. Synthesis and action of enzyme RNA polymerase
3. Chain initiation and elongation
4. Synthesis of mRNA/hnRNA

Options :

- 5531723313. 1
- 5531723314. 2
- 5531723315. 3
- 5531723316. 4

Question Number : 10 Question Id : 553172844 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Moist and Hot Air Treatment (MHAT) is done to check

1. Grassy shoot disease in sugarcane
2. Ergot in *Bajra*
3. Downy mildew of maize
4. Powdery mildew in pea

Options :

- 5531723317. 1
- 5531723318. 2
- 5531723319. 3
- 5531723320. 4

Question Number : 11 Question Id : 553172845 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

*Neovossia indica* causes

1. Loose smut in wheat
2. Powdery mildew in pea
3. Karnal bunt in wheat
4. Ergot in *bajra*

Options :

- 5531723321. 1
- 5531723322. 2
- 5531723323. 3
- 5531723324. 4

Question Number : 12 Question Id : 553172846 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Rice blast is caused by

1. *Helminthosporium oryzae*
2. *Rhizoctonia solanai*
3. *Scelerotium orybal*
4. *Pyricularia oryzae*

Options :

- 5531723325. 1
- 5531723326. 2
- 5531723327. 3
- 5531723328. 4

Question Number : 13 Question Id : 553172847 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The yearly sequence and spatial arrangement of crops or  
crops and fallow is known as

1. Cropping system
2. Cropping pattern
3. Farming system
4. Intensive cropping

Options :

- 5531723329. 1
- 5531723330. 2
- 5531723331. 3
- 5531723332. 4

Question Number : 14 Question Id : 553172848 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following methods of sowing requires the  
lowest seed rate in wheat

1. Broadcasting
2. Transplanting
3. Dibbling
4. Line-sowing

Options :

- 5531723333. 1
- 5531723334. 2
- 5531723335. 3
- 5531723336. 4

Question Number : 15 Question Id : 553172849 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Saline–Alkali soils have

1. EC > 4, pH > 8.5 & ESP > 15
2. EC > 4, pH < 8.5 & ESP < 15
3. EC > 4, pH > 8.5 & ESP < 15
4. EC < 4, pH > 8.5 & ESP > 15

Options :

- 5531723337. 1
- 5531723338. 2
- 5531723339. 3
- 5531723340. 4

Question Number : 16 Question Id : 553172850 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The word Agronomy has its origin from

1. Sanskrit
2. English
3. Latin
4. Greek

Options :

- 5531723341. 1
- 5531723342. 2
- 5531723343. 3
- 5531723344. 4

Question Number : 17 Question Id : 553172851 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

National Academy of Agricultural Research Management  
is located at

1. Nagpur
2. Hyderabad
3. New Delhi
4. Karnal

Options :

- 5531723345. 1
- 5531723346. 2
- 5531723347. 3
- 5531723348. 4

Question Number : 18 Question Id : 553172852 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Synthesis of proteins based on code in RNA, outside nucleus is

1. Processing
2. Transcription
3. Translation
4. Replication

**Options :**

5531723349. 1

5531723350. 2

5531723351. 3

5531723352. 4

**Question Number : 19 Question Id : 553172853 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Two sister chromatids of each chromosome separate from each other in

1. Anaphase I
2. Telophase I
3. Diakinesis
4. Pachytene

**Options :**

5531723353. 1

5531723354. 2

5531723355. 3

5531723356. 4

**Question Number : 20 Question Id : 553172854 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The correct sequence of stages of mitosis is

1. Interphase, Prophase and Metaphase
2. Interphase, Prophase and Anaphase
3. Prophase, Telophase and Anaphase II
4. Prophase I, Metaphase I and Telophase II

**Options :**

5531723357. 1

5531723358. 2

5531723359. 3

5531723360. 4

**Question Number : 21 Question Id : 553172855 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**



Correct Marks : 4 Wrong Marks : 1

A gene that has masking effect on the other gene controlling the same trait is called

1. Recessive gene
2. Hypostatic gene
3. Epistatic gene
4. Major gene

Options :

5531723361. 1

5531723362. 2

5531723363. 3

5531723364. 4

Question Number : 22 Question Id : 553172856 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is not related to changes in number of chromosomes

1. Monoploidy
2. Hexaploidy
3. Pentaploidy
4. Inversion

Options :

5531723365. 1

5531723366. 2

5531723367. 3

5531723368. 4

Question Number : 23 Question Id : 553172857 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Cell theory (1838) was proposed by

1. Lamarck
2. August Weismann
3. Schleiden and Schwann
4. Maupertuis

Options :

5531723369. 1

5531723370. 2

5531723371. 3

5531723372. 4

Question Number : 24 Question Id : 553172858 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Who discovered the nucleus in cells of flowering plants

1. L da Vinci
2. R. Linnaeus
3. R. Brown
4. R. Hooke

Options :

5531723373. 1

5531723374. 2

5531723375. 3

5531723376. 4

Question Number : 25 Question Id : 553172859 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Shade loving plants are referred to as

1. Heterophytes
2. Sciophytes
3. Mesophytes
4. Short-day plants

Options :

5531723377. 1

5531723378. 2

5531723379. 3

5531723380. 4

Question Number : 26 Question Id : 553172860 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Plank's law is related to

1. Radiation
2. Gravity
3. Infiltration rate
4. Crop response

Options :

5531723381. 1

5531723382. 2

5531723383. 3

5531723384. 4

**Question Number : 27 Question Id : 553172861 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Plants appear green because they

1. Reflect green radiation
2. Absorb green radiation
3. Absorb all radiation
4. Reflect all radiation

**Options :**

5531723385. 1

5531723386. 2

5531723387. 3

5531723388. 4

**Question Number : 28 Question Id : 553172862 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Moisture Deficit Index (MDI) in semi-arid climate is

1. 0.0 to 33.3
2. 66.6 to 99.9
3. -33.3 to -66.6
4. Above 99.9

**Options :**

5531723389. 1

5531723390. 2

5531723391. 3

5531723392. 4

**Question Number : 29 Question Id : 553172863 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Maximum concentration of ozone is found in

1. Troposphere
2. Stratosphere
3. Mesosphere
4. Thermosphere

**Options :**

5531723393. 1

5531723394. 2

5531723395. 3

5531723396. 4

**Question Number : 30 Question Id : 553172864 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

This gas present in the highest concentration in the atmosphere is

1. CO<sub>2</sub>

2. O<sub>2</sub>

3. N<sub>2</sub>

4. Ne

**Options :**

5531723397. 1

5531723398. 2

5531723399. 3

5531723400. 4

**Question Number : 31 Question Id : 553172865 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Winter rainfall is restricted more to

1. North India

2. South India

3. Kerala

4. Andhra Pradesh

**Options :**

5531723401. 1

5531723402. 2

5531723403. 3

5531723404. 4

**Question Number : 32 Question Id : 553172866 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The decrease in air temperature with increasing height is known as

1. Adiabatic lapse rate
2. Lapse rate
3. Height lapse rate
4. Ionization rate

Options :

5531723405. 1

5531723406. 2

5531723407. 3

5531723408. 4

Question Number : 33 Question Id : 553172867 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Seeding of cold clouds is achieved by

1. Water drop technique
2. Water spray technique
3. Silver iodide seeding
4. Potassium iodide seeding

Options :

5531723409. 1

5531723410. 2

5531723411. 3

5531723412. 4

Question Number : 34 Question Id : 553172868 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

El-Nino refers to

1. Abnormal warming of the ocean and resulting effect on weather
2. Reflection of radiation
3. Cooling of ocean
4. Southern oscillation

Options :

5531723413. 1

5531723414. 2

5531723415. 3

5531723416. 4

Question Number : 35 Question Id : 553172869 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If the recommended dose of oxydiazon (25% a.i) to rice in 0.75 kg a.i/ha, how much amount of commercial product will you apply in the crop

1. 2.0 kg/ha
2. 2.5 kg/ha
3. 3.0 kg/ha
4. 3.5 kg/ha

Options :

5531723417. 1

5531723418. 2

5531723419. 3

5531723420. 4

Question Number : 36 Question Id : 553172870 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Iron deficiency is common in

1. High pH calcareous soils
2. Acidic soils
3. Neutral soils
4. Strongly acidic soils

Options :

5531723421. 1

5531723422. 2

5531723423. 3

5531723424. 4

Question Number : 37 Question Id : 553172871 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Rock-phosphate is suitable for

1. Acidic soils
2. Alkali soils
3. Saline soils
4. All type of soils

Options :

5531723425. 1

5531723426. 2

5531723427. 3

5531723428. 4

Question Number : 38 Question Id : 553172872 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Nitrogen content in ammonium sulphate is

1. 46%
2. 20.6%
3. 25.0%
4. 26.0%

Options :

5531723429. 1

5531723430. 2

5531723431. 3

5531723432. 4

Question Number : 39 Question Id : 553172873 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Boron deficiency first appears on

1. Old leaves only
2. Young leaves only
3. Both old and young leaves
4. Terminal buds

Options :

5531723433. 1

5531723434. 2

5531723435. 3

5531723436. 4

Question Number : 40 Question Id : 553172874 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Agri-silviculture involves

1. Cereals and pulses
2. Cereals and oil seeds
3. Crops and trees
4. Crops and pasture

Options :



5531723437. 1

5531723438. 2

5531723439. 3

5531723440. 4

**Question Number : 41 Question Id : 553172875 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Electrical conductivity of good quality irrigation water must be

1.  $< 1.5 \text{ dS / m}$
2.  $1.5 - 2.5 \text{ dS / m}$
3.  $3 - 5.0 \text{ dS / m}$
4.  $> 6.0 \text{ dS / m}$

**Options :**

5531723441. 1

5531723442. 2

5531723443. 3

5531723444. 4

**Question Number : 42 Question Id : 553172876 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Demand and supply based water requirement of a crop is

1.  $WR = IR + ER$
2.  $WR = IR + ER + S$
3.  $WR = R - IR$
4.  $WR = IR + ER + ET$

**Options :**

5531723445. 1

5531723446. 2

5531723447. 3

5531723448. 4

**Question Number : 43 Question Id : 553172877 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Darcy's law governs

1. Soil hydraulic conductivity
2. Soil Infiltration rate
3. Soil permeability
4. Soil penetrability

**Options :**

5531723449. 1

5531723450. 2  
5531723451. 3  
5531723452. 4

**Question Number : 44 Question Id : 553172878 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Plant micronutrients are

1. Fe, Zn, Mn, Cu & B
2. Ca, Zn, Ni & Cl
3. Mg, Mn, Cu & Fe
4. N, P, K & S

**Options :**

5531723453. 1  
5531723454. 2  
5531723455. 3  
5531723456. 4

**Question Number : 45 Question Id : 553172879 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

One hectare-cm water is equal to

1. 1000 litres
2. 10,000 litres
3. 1,00,000 litres
4. 10,00,000 litres

**Options :**

5531723457. 1  
5531723458. 2  
5531723459. 3  
5531723460. 4

**Question Number : 46 Question Id : 553172880 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

If %  $P_2O_5$  in a fertilizer is 46, % P will be

1. 58.0
2. 24.7
3. 20.2
4. 46.4

**Options :**

5531723461. 1

5531723462. 2

5531723463. 3

5531723464. 4

**Question Number : 47 Question Id : 553172881 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

**Plants growing under high salt concentration are called as**

1. Glycophytes
2. Halophytes
3. Ephemerals
4. Mesophytes

**Options :**

5531723465. 1

5531723466. 2

5531723467. 3

5531723468. 4

**Question Number : 48 Question Id : 553172882 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

**Synthetic auxins are**

1. IBA, NAA and 2, 4 D
2. 2, 4 D, MCPA and MH
3. 2, 4 D, MCPA and PMA
4. IAA, IBA and NAA

**Options :**

5531723469. 1

5531723470. 2

5531723471. 3

5531723472. 4

**Question Number : 49 Question Id : 553172883 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

**Day neutral plants are**

1. Tomato, Cotton and Sunflower
2. Cucumber, Wheat and Spinach
3. Tobacco, Safflower and Wheat
4. Wheat, Barley and Berseem

**Options :**

5531723473. 1

5531723474. 2

5531723475. 3

5531723476. 4

**Question Number : 50 Question Id : 553172884 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

**Plants release O<sub>2</sub> during**

1. Light reaction
2. Dark reaction
3. Respiration
4. Transpiration

**Options :**

5531723477. 1

5531723478. 2

5531723479. 3

5531723480. 4

**Question Number : 51 Question Id : 553172885 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

**One molecule of glucose contains**

1. 112 K cal
2. 40 K cal
3. 686 K cal
4. 343 K cal

**Options :**

5531723481. 1

5531723482. 2

5531723483. 3

5531723484. 4

**Question Number : 52 Question Id : 553172886 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Chlorophyll a absorb maximum light in

1. UV range
2. Red spectrum
3. Green spectrum
4. IR spectrum

Options :

5531723485. 1

5531723486. 2

5531723487. 3

5531723488. 4

Question Number : 53 Question Id : 553172887 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Interveinal chlorosis and whitening of leaves are the characteristic features of

1. Nitrogen deficiency
2. Zinc deficiency
3. Iron deficiency
4. Phosphorus deficiency

Options :

5531723489. 1

5531723490. 2

5531723491. 3

5531723492. 4

Question Number : 54 Question Id : 553172888 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Source of O<sub>2</sub> evolution in photosynthesis is /are

1. Water only
2. Carbon dioxide only
3. Both water and carbon dioxide
4. Nitrous oxide

Options :

5531723493. 1

5531723494. 2

5531723495. 3

5531723496. 4

Question Number : 55 Question Id : 553172889 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Rice inflorescence has got

1. 5 stamens
2. 6 stamens
3. 4 stamens
4. 3 stamens

Options :

5531723497. 1

5531723498. 2

5531723499. 3

5531723500. 4

Question Number : 56 Question Id : 553172890 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match the following columns

Concept / Term

Coined by

- |                             |                          |
|-----------------------------|--------------------------|
| (i) SR                      | (a) William Gand         |
| (ii) Green revolution       | (b) Molisch              |
| (iii) Evergreen revolution  | (c) R. D. Asana          |
| (iv) Rainfed wheat ideotype | (d) M. S. Swaminathan    |
| (v) Allelopathy             | (e) Fr Henry De Laulanie |

Find the correct match

1. (i) – (b), (ii) – (c), (iii) – (a), (iv) – (e), (v) – (d)
2. (i) – (c), (ii) – (a), (iii) – (b) (iv) – (d), (v) – (e)
3. (i) – (e), (ii) – (d), (iii) – (b), (iv) – (c), (v) – (a)
4. (i) – (e), (ii) – (a), (iii) – (d), (iv) – (c), (v) – (b)

Options :

5531723501. 1

5531723502. 2

5531723503. 3

5531723504. 4

Question Number : 57 Question Id : 553172891 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Match the following columns

<u>Food</u>	<u>Highest Producer</u>
(i) Rice	(a) India
(ii) Sunflower	(b) Canada
(iii) Maize	(c) Russia
(iv) Lentil	(d) USA
(v) Milk	(e) China

Find the correct match

- (i) – (a), (ii) – (c), (iii) – (b), (iv) – (e), (v) – (d)
- (i) – (c), (ii) – (d), (iii) – (e), (iv) – (a), (v) – (b)
- (i) – (b), (ii) – (d), (iii) – (c), (iv) – (a), (v) – (e)
- (i) – (e), (ii) – (c), (iii) – (d), (iv) – (b), (v) – (a).

Options :

5531723505. 1

5531723506. 2

5531723507. 3

5531723508. 4

Question Number : 58 Question Id : 553172892 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match the following columns

<u>Books</u>	<u>Author(s)/Editor</u>
(i) Text book of Field Crop Production	(a) Dr.Chidda Singh
(ii) Modern Techniques of Raising Field Crops	(b) Dr. Rajendra Prasad
(iii) Soil Fertility and Fertilizers	(c) Tisdale,Nelson,Beaton and Havlin
(iv) Principles and Practices of Rice Production	(d) Trewartha and Horn
(v) An Introduction to Climate	(e) S K De Datta

Find the correct match

- (i) – (b), (ii) – (a), (iii) – (c), (iv) – (e), (v) – (d)
- (i) – (a), (ii) – (c), (iii) – (b), (iv) – (e), (v) – (d)
- (i) – (c), (ii) – (a), (iii) – (b), (iv) – (d), (v) – (e)
- (i) – (e), (ii) – (b), (iii) – (d), (iv) – (c), (v) – (a)

Options :

5531723509. 1

5531723510. 2

5531723511. 3

5531723512. 4

Question Number : 59 Question Id : 553172893 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Safe moisture level for storage of safflower is

1. 13 – 15%
2. 11 – 12%
3. 9 – 10%
4. 5 – 8%

Options :

5531723513. 1

5531723514. 2

5531723515. 3

5531723516. 4

Question Number : 60 Question Id : 553172894 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

N fixation in root nodules of soybean

1. Begins with the appearance of leghemoglobin
2. Begins with the initiation of bacterial division
3. Begins after 7<sup>th</sup> week of nodule age
4. Begins with the partial dissolution of root cell wall by pectic enzymes

Options :

5531723517. 1

5531723518. 2

5531723519. 3

5531723520. 4

Question Number : 61 Question Id : 553172895 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Soybean belongs to the sub family

1. Faboideae
2. Fabaceae
3. Cruciferae
4. Pedaliaceae

Options :

5531723521. 1

5531723522. 2

5531723523. 3

5531723524. 4

Question Number : 62 Question Id : 553172896 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The first commercial hybrid of rapeseed mustard developed on the basis of four CMS system was

1. PGSH 51
2. NRCHB 506
3. DMH 1
4. PAC 432

Options :

5531723525. 1

5531723526. 2

5531723527. 3

5531723528. 4

Question Number : 63 Question Id : 553172897 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

For *rabi* sunflower, irrigation has been found to be optimum at IW : CPE ratio of

1. 0.65
2. 0.75
3. 0.85
4. 0.95

Options :

5531723529. 1

5531723530. 2

5531723531. 3

5531723532. 4

Question Number : 64 Question Id : 553172898 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The dormancy of sunflower seed is due to the presence of germination inhibitors in seed kernel up to \_\_\_\_\_ and seed-coat up to \_\_\_\_\_ after harvest.

1. 10 days, 45 days, respectively
2. 15 days, 55 days, respectively
3. 20 days, 40 days, respectively
4. 25 days, 35 days, respectively

Options :

5531723533. 1

5531723534. 2

5531723535. 3

5531723536. 4

**Question Number : 65 Question Id : 553172899 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Pre-harvest aflatoxin contamination in groundnut can be prevented by

1. Growing cultivar that matures before the end of rain
2. Growing cultivar that matures long after the rain ends
3. Growing cultivar that matures at the end of the rain
4. Subjecting the cultivars to drought stress at later stages

**Options :**

5531723537. 1

5531723538. 2

5531723539. 3

5531723540. 4

**Question Number : 66 Question Id : 553172900 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Seed viability of groundnut can be improved by

1. Sun drying of pods after harvesting
2. Shade drying of pods after harvesting
3. Oven drying of pods after harvesting
4. Drying of pods in the plants itself before harvesting

**Options :**

5531723541. 1

5531723542. 2

5531723543. 3

5531723544. 4

**Question Number : 67 Question Id : 553172901 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The shell of groundnut pod is morphologically known as

1. Pericarp
2. Kernel
3. Testa
4. Nut

**Options :**

5531723545. 1

5531723546. 2

5531723547. 3

5531723548. 4

**Question Number : 68 Question Id : 553172902 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The production of groundnut fluctuates mainly due to

1. Excess evaporation
2. Excess transpiration
3. Erratic distribution of rainfall
4. High temperature

**Options :**

5531723549. 1

5531723550. 2

5531723551. 3

5531723552. 4

**Question Number : 69 Question Id : 553172903 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Cyclone normally moves at a speed of

1. 400 – 500 km / day
2. 300 – 400 km / day
3. 200 – 300 km / day
4. 100 – 200 km / day

**Options :**

5531723553. 1

5531723554. 2

5531723555. 3

5531723556. 4

**Question Number : 70 Question Id : 553172904 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The top portion of sugarcane plant is good for seed material because it contains

1. More number of buds and more supply of nutrients
2. More sucrose
3. Less molassgenic substances
4. Thick walled meristem

**Options :**

5531723557. 1

5531723558. 2

5531723559. 3

5531723560. 4

**Question Number : 71 Question Id : 553172905 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

In jute bark fibres are developed from

1. Phloem tissue
2. Xylem tissue
3. Cortex
4. Plasmodesmata

**Options :**

5531723561. 1

5531723562. 2

5531723563. 3

5531723564. 4

**Question Number : 72 Question Id : 553172906 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

A cotton plant is considered to be suffering from N stress  
if petiole nitrate-N of a mature leaf falls below

1. 2000 ppm
2. 2500 ppm
3. 3000 ppm
4. 3500 ppm

**Options :**

5531723565. 1

5531723566. 2

5531723567. 3

5531723568. 4

**Question Number : 73 Question Id : 553172907 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Probability can take values from

1.  $-\alpha$  to  $+\alpha$
2.  $-\alpha$  to  $+1$
3. 0 to  $+1$
4.  $-1$  to  $+1$

Options :

5531723569. 1

5531723570. 2

5531723571. 3

5531723572. 4

Question Number : 74 Question Id : 553172908 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The error degree of freedom for 7 treatments laid-out in a  
Completely Randomized Design with 4 repetitions is

1. 20
2. 21
3. 18
4. 25

Options :

5531723573. 1

5531723574. 2

5531723575. 3

5531723576. 4

Question Number : 75 Question Id : 553172909 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Variance is the square of

1. Range
2. Standard deviation
3. Quartile deviation
4. Mean deviation

Options :

5531723577. 1

5531723578. 2

5531723579. 3

5531723580. 4



Question Number : 76 Question Id : 553172910 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In a field trial with 7 treatments and 5 replications if the  $T_{ss}$  and Error  $ss$  values are 280.60 and 196.50, the calculated F value will be

1. 4.59
2. 5.59
3. 6.48
4. 6.36

Options :

5531723581. 1

5531723582. 2

5531723583. 3

5531723584. 4

Question Number : 77 Question Id : 553172911 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The value of r (correlation coefficient) ranges between

1. -1 and 0
2. +1 and 0
3. +1 and -1
4. +0.9 and -0.9

Options :

5531723585. 1

5531723586. 2

5531723587. 3

5531723588. 4

Question Number : 78 Question Id : 553172912 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The primary purpose of blocking in field experiments is to reduce

1. Experimental error
2. Block error
3. Replication error
4. Treatment error

Options :

5531723589. 1



5531723590. 2

5531723591. 3

5531723592. 4

**Question Number : 79 Question Id : 553172913 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

**IGFRI is located at**

1. Jhansi
2. Jorhat
3. Jodhpur
4. Jaipur

**Options :**

5531723593. 1

5531723594. 2

5531723595. 3

5531723596. 4

**Question Number : 80 Question Id : 553172914 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

**The test between two population variances is done by**

1. Arithmetic mean
2. F-test
3. T-test
4. Z-test

**Options :**

5531723597. 1

5531723598. 2

5531723599. 3

5531723600. 4

**Question Number : 81 Question Id : 553172915 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

One bale of cotton is equal to

1. 170 kg
2. 180 kg
3. 185 kg
4. 195 kg

**Options :**

5531723601. 1

5531723602. 2

5531723603. 3

5531723604. 4

**Question Number : 82 Question Id : 553172916 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Optimum temperature required for jute retting is

1. 28°C
2. 38°C
3. 34°C
4. 40°C

**Options :**

5531723605. 1

5531723606. 2

5531723607. 3

5531723608. 4

**Question Number : 83 Question Id : 553172917 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Minor irrigation project area is confined to

1. < 2000 ha
2. 2500 – 3000 ha
3. 4000 – 5000 ha
4. 5500 – 7500 ha

**Options :**

5531723609. 1

5531723610. 2

5531723611. 3

5531723612. 4

Question Number : 84 Question Id : 553172918 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The ratio of leaf area to ground area is known as

1. Leaf area
2. Leaf area index
3. Ground area
4. Leaf area ratio

Options :

5531723613. 1

5531723614. 2

5531723615. 3

5531723616. 4

Question Number : 85 Question Id : 553172919 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

'Dapog' method of nursery is related to

1. Tobacco
2. Paddy
3. Maize
4. Sorghum

Options :

5531723617. 1

5531723618. 2

5531723619. 3

5531723620. 4

Question Number : 86 Question Id : 553172920 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Isoproturon kills *Phalaris minor* but does not affect wheat because of the presence of

1. Cytochrome P-450 enzyme
2. Cytochrome A-370 enzyme
3. Cytochrome enzyme
4. Cytokinin enzyme

Options :

5531723621. 1

5531723622. 2

5531723623. 3

5531723624. 4

**Question Number : 87 Question Id : 553172921 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

In IW/CPE ratio at 0.6 constant and 6 cm irrigation water requirement for wheat, irrigation is to be given when cumulative pan evaporation reading is

1. 50 mm
2. 100 mm
3. 500 mm
4. 350 mm

**Options :**

5531723625. 1

5531723626. 2

5531723627. 3

5531723628. 4

**Question Number : 88 Question Id : 553172922 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The 17<sup>th</sup> nutrient added to the list of essential elements is

1. Boron
2. Molybdenum
3. Chlorine
4. Nickel

**Options :**

5531723629. 1

5531723630. 2

5531723631. 3

5531723632. 4

**Question Number : 89 Question Id : 553172923 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The enzyme secreted by embryo of seeds which induces germination process is

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

Options :

- 5531723633. 1
- 5531723634. 2
- 5531723635. 3
- 5531723636. 4

Question Number : 90 Question Id : 553172924 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Safe limit of  $\text{NO}_3^-$  content in ground water is

1. 45 – 50 mg / litre
2. 60 – 70 mg / litre
3. 75 – 80 mg / litre
4. 85 – 95 mg / litre

Options :

- 5531723637. 1
- 5531723638. 2
- 5531723639. 3
- 5531723640. 4

Question Number : 91 Question Id : 553172925 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Sunflower is an indicator plant for the deficiency of

1. N
2. K
3. B
4. Zn

Options :

- 5531723641. 1
- 5531723642. 2
- 5531723643. 3
- 5531723644. 4

Question Number : 92 Question Id : 553172926 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Under conservation tillage soil aggregate stability (%) increases because of

1. Higher glomalin production
2. Lower glomalin production
3. Higher urease production
4. Lower urease production

Options :

5531723645. 1

5531723646. 2

5531723647. 3

5531723648. 4

Question Number : 93 Question Id : 553172927 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Decalcifying effect of  $\text{NH}_4\text{Cl}$  in soil is more than  $(\text{NH}_4)_2\text{SO}_4$  because of the production of

1. More soluble  $\text{CaCl}_2$
2. Less soluble  $\text{CaCl}_2$
3. More soluble  $\text{CaSO}_4$
4. Less soluble  $\text{CaSO}_4$

Options :

5531723649. 1

5531723650. 2

5531723651. 3

5531723652. 4

Question Number : 94 Question Id : 553172928 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

CAN is

1. An acid forming fertilizer
2. A neutral fertilizer
3. An alkaline fertilizer
4. An organic fertilizer

Options :

5531723653. 1

5531723654. 2

5531723655. 3

5531723656. 4

**Question Number : 95 Question Id : 553172929 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

In degraded paddy soil ammonium chloride is

1. Inferior to ammonium sulphate
2. Same as that of ammonium sulphate
3. Superior to ammonium sulphate
4. Not recommended at all

**Options :**

5531723657. 1

5531723658. 2

5531723659. 3

5531723660. 4

**Question Number : 96 Question Id : 553172930 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Ammonium sulphate is

1. An acid forming fertilizer
2. Not an acid forming fertilizer
3. A neutral fertilizer
4. A pH raising fertilizer

**Options :**

5531723661. 1

5531723662. 2

5531723663. 3

5531723664. 4

**Question Number : 97 Question Id : 553172931 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

pCO<sub>2</sub> in submerged soil declines rapidly when soil is rich  
in

1. Organic matter
2. Silicate ions
3. Fe and Mn
4. Al ions

**Options :**



5531723665. 1

5531723666. 2

5531723667. 3

5531723668. 4

**Question Number : 98 Question Id : 553172932 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

A hormone which is also termed as stress hormone in plants is

1. Ethylene
2. Auxin
3. Gibberellin
4. ABA

**Options :**

5531723669. 1

5531723670. 2

5531723671. 3

5531723672. 4

**Question Number : 99 Question Id : 553172933 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Insecticide is always to be applied at

1. EIL stage
2. ETL stage
3. Equilibrium position
4. Damage boundary

**Options :**

5531723673. 1

5531723674. 2

5531723675. 3

5531723676. 4

**Question Number : 100 Question Id : 553172934 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The frequency of recombination between two linked genes cannot exceed beyond

1. 25%
2. 35%
3. 60%
4. 60%

Options :

- 5531723677. 1
- 5531723678. 2
- 5531723679. 3
- 5531723680. 4

Question Number : 101 Question Id : 553172935 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Apparently, the first inbreeding experiments with maize were those reported by

1. Darwin (1876)
2. Shull (1874)
3. East (1914)
4. Hull (1876)

Options :

- 5531723681. 1
- 5531723682. 2
- 5531723683. 3
- 5531723684. 4

Question Number : 102 Question Id : 553172936 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Inbreeding depression is not a process of degeneration but a consequence of

1. Loss of out crossing
2. Mendelian segregation
3. Selfing
4. Break down of dominance

Options :

- 5531723685. 1
- 5531723686. 2
- 5531723687. 3
- 5531723688. 4

Question Number : 103 Question Id : 553172937 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In forecasting of rainfall, the word 'isolated rain' denotes how much of the area receiving rain

1.  $\frac{1}{5}$
2.  $\frac{1}{4}$
3.  $\frac{1}{3}$
4.  $\frac{1}{2}$

**Options :**

5531723689. 1

5531723690. 2

5531723691. 3

5531723692. 4

**Question Number : 104 Question Id : 553172938 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Sum of the area planted to different crops and harvested in a single year, divided by the total cultivated area and expressed as percentage is known as

1. Multiple cropping index
2. Cropping intensity index
3. Cropping intensity
4. Rotation intensity

**Options :**

5531723693. 1

5531723694. 2

5531723695. 3

5531723696. 4

**Question Number : 105 Question Id : 553172939 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Herbicide selective to all oil seed crops is

1. Propanil
2. MCPA
3. Pendimethalin
4. Monuron

**Options :**

5531723697. 1

5531723698. 2

5531723699. 3

5531723700. 4

Question Number : 106 Question Id : 553172940 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Element involved in energy (ATP) transfer is

1. Al
2. Cu
3. Mn
4. P

Options :

5531723701. 1

5531723702. 2

5531723703. 3

5531723704. 4

Question Number : 107 Question Id : 553172941 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Common rock density is

1. 2.6 – 2.7 g/cc
2. 2.7 – 3.0 g/cc
3. 3.0 – 3.3 g/cc
4. 3.3 – 3.6 g/cc

Options :

5531723705. 1

5531723706. 2

5531723707. 3

5531723708. 4

Question Number : 108 Question Id : 553172942 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Mukta is a variety of

1. Mustard
2. Sesame
3. Linseed
4. Castor

Options :

5531723709. 1

5531723710. 2

5531723711. 3

5531723712. 4

Question Number : 109 Question Id : 553172943 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

*Sorghum halepense* was introduced in India from

1. USA
2. Australia
3. Brazil
4. Japan

Options :

5531723713. 1

5531723714. 2

5531723715. 3

5531723716. 4

Question Number : 110 Question Id : 553172944 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

*Eichornia crassipes* is a

1. Aquatic weed
2. Semi-aquatic weed
3. Mesophytic weed
4. Absolute weed

Options :

5531723717. 1

5531723718. 2

5531723719. 3

5531723720. 4

Question Number : 111 Question Id : 553172945 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A barley plant in a wheat crop is

1. Annual weed
2. Rouge weed
3. Relative weed
4. Absolute weed

Options :

5531723721. 1

5531723722. 2

5531723723. 3

5531723724. 4

Question Number : 112 Question Id : 553172946 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

*Cyprus rotundus* is a

1. Annual weed
2. Biennial weed
3. Perennial weed
4. Economical weed

Options :

5531723725. 1

5531723726. 2

5531723727. 3

5531723728. 4

Question Number : 113 Question Id : 553172947 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Active ingredient in pendimethalin is

1. 33%
2. 30%
3. 27%
4. 35%

Options :

5531723729. 1

5531723730. 2

5531723731. 3

5531723732. 4

Question Number : 114 Question Id : 553172948 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

*Cyperus iria* is propagated through

1. Stem
2. Rhizome
3. Seed
4. Root

Options :

5531723733. 1

5531723734. 2

5531723735. 3

5531723736. 4

Question Number : 115 Question Id : 553172949 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Moisture content at which paddy yield is reported

1. 10
2. 14
3. 16
4. 18

Options :

5531723737. 1

5531723738. 2

5531723739. 3

5531723740. 4

Question Number : 116 Question Id : 553172950 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Alternate host weed for gram caterpillar in red gram is

1. *Agropyron repens*
2. *Chenopodium album*
3. *Amaranthus viridis*
4. *Echinochloa* sp.

Options :

5531723741. 1

5531723742. 2

5531723743. 3

5531723744. 4

Question Number : 117 Question Id : 553172951 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

*Pistia stratiotes* is

1. Submerged weed
2. Emerged weed
3. Marginal weed
4. Floating weed

Options :

5531723745. 1

5531723746. 2

5531723747. 3

5531723748. 4

Question Number : 118 Question Id : 553172952 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ammoniacal fertilizer fertilizer efficiency is maximum when  
it is applied in

1. Split doses
2. Oxidized zone
3. All at a time
4. Reduced zone

Options :

5531723749. 1

5531723750. 2

5531723751. 3

5531723752. 4

Question Number : 119 Question Id : 553172953 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Biofertilizer commonly used in rice is

1. Azotabactor
2. Azospirillum
3. Azola
4. Frankia

Options :

5531723753. 1

5531723754. 2

5531723755. 3

5531723756. 4

Question Number : 120 Question Id : 553172954 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Enforced dormancy of weed seeds can be broken by

1. Tillage
2. Pre-emergence application of herbicide
3. Post-emergence application of herbicide
4. Irrigation

Options :

5531723757. 1

5531723758. 2

5531723759. 3

5531723760. 4

Question Number : 121 Question Id : 553172955 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Buck wheat belongs to family

1. Gramineae
2. Tiliaceae
3. Polygonaceae
4. Poaceae

Options :

5531723761. 1

5531723762. 2

5531723763. 3

5531723764. 4

Question Number : 122 Question Id : 553172956 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Optimum temperature for nitrification is

1. 15 – 20°C
2. 20 – 25°C
3. 25 – 35°C
4. 35 – 40°C

Options :

5531723765. 1

5531723766. 2

5531723767. 3

5531723768. 4

Question Number : 123 Question Id : 553172957 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is a P - solubilizing bacterium?

1. PSB
2. Clostridium
3. VAM
4. Azotobactor

Options :

5531723769. 1

5531723770. 2

5531723771. 3

5531723772. 4

Question Number : 124 Question Id : 553172958 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Availability of which form of P is highest at pH 6-7?

1.  $H_2PO_4$
2.  $HPO_4$
3.  $PO_4$
4.  $H_3PO_4$

Options :

5531723773. 1

5531723774. 2

5531723775. 3

5531723776. 4

Question Number : 125 Question Id : 553172959 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Mechanism of nutrient mobility was given by

1. Patrick
2. Bray
3. Arnon
4. Russel

Options :

5531723777. 1

5531723778. 2

5531723779. 3

5531723780. 4

Question Number : 126 Question Id : 553172960 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Brown manuring is used in

1. Rice
2. Wheat
3. Maize
4. Jowar

Options :

5531723781. 1

5531723782. 2

5531723783. 3

5531723784. 4

Question Number : 127 Question Id : 553172961 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Mitscherlich equation is

1.  $dy / dx = (A - C) C$
2.  $dy / d = A \times C$
3.  $dy / dx = (A + C) C$
4.  $dy / x = (A - C) C$

Options :

5531723785. 1

5531723786. 2

5531723787. 3

5531723788. 4

Question Number : 128 Question Id : 553172962 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Soil pH goes below 5 due to exchange of

1.  $H^+$  ions
2.  $Al^+$  +  $Fe^+$  ions
3.  $Ca^+$  ions
4.  $Na^+$  ions

Options :

5531723789. 1

5531723790. 2

5531723791. 3

5531723792. 4

Question Number : 129 Question Id : 553172963 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Muriate of potash is the name of

1. HCl
2. NaCl
3. KCl
4.  $NH_4Cl$

Options :

5531723793. 1

5531723794. 2

5531723795. 3

5531723796. 4

Question Number : 130 Question Id : 553172964 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

$Mn^+$  deficiency occurs in rice grown in

1. Upland soil
2. Sandy soil
3. Low land soil
4. Sandy loam soil

Options :

5531723797. 1

5531723798. 2

5531723799. 3

5531723800. 4

**Question Number : 131 Question Id : 553172965 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Intercropping is insurance against

1. Increasing productivity
2. Utilization of space
3. Failure of crop
4. Increasing crop competition

**Options :**

5531723801. 1

5531723802. 2

5531723803. 3

5531723804. 4

**Question Number : 132 Question Id : 553172966 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Root rot disease in cotton is caused due to

1. *Rhizoctonia bataticola*
2. *Fusarium udum*
3. *Xanthomonas campestris*
4. *Colletotrichum falcatum*

**Options :**

5531723805. 1

5531723806. 2

5531723807. 3

5531723808. 4

**Question Number : 133 Question Id : 553172967 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Reddening of leaves in cotton is observed due to deficiency of

1. Iron
2. Boron
3. Magnesium
4. Sulphur

**Options :**

5531723809. 1

5531723810. 2

5531723811. 3

5531723812. 4

**Question Number : 134 Question Id : 553172968 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

In India cotton is grown from

1. 9° to 31° N
2. 30° to 40° N
3. 35° to 45° N
4. 40° to 50° N

**Options :**

5531723813. 1

5531723814. 2

5531723815. 3

5531723816. 4

**Question Number : 135 Question Id : 553172969 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Crop grown in between main crop rows is called

1. Intercrop
2. Trap crop
3. Row crop
4. Mixed crop

**Options :**

5531723817. 1

5531723818. 2

5531723819. 3

5531723820. 4

**Question Number : 136 Question Id : 553172970 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**



Fertilizer News is published by

1. Soil Science Society of India
2. Agronomy Society of India
3. I.C.A.R
4. Fertilizer Association of India

Options :

5531723821. 1

5531723822. 2

5531723823. 3

5531723824. 4

Question Number : 137 Question Id : 553172971 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following undergoes reduction first just after  
O<sub>2</sub> is depleted

1. NO<sub>3</sub>
2. MnO<sub>2</sub>
3. FeOH<sub>3</sub>
4. CO<sub>2</sub>

Options :

5531723825. 1

5531723826. 2

5531723827. 3

5531723828. 4

Question Number : 138 Question Id : 553172972 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Safflower needs growing degrees days (GDD) for  
successful production

1. 1500
2. 2000
3. 2500
4. 3000

Options :

5531723829. 1

5531723830. 2

5531723831. 3

5531723832. 4

Question Number : 139 Question Id : 553172973 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Crop that has nodules both in stem and root

1. *Sesbania rostrata*
2. *Vigna mungo*
3. *Cajanus cajan*
4. *Glycine max*

Options :

5531723833. 1

5531723834. 2

5531723835. 3

5531723836. 4

Question Number : 140 Question Id : 553172974 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Current rate of fertilizer consumption in India is

1. 128 kg ha<sup>-1</sup>
2. 138 kg ha<sup>-1</sup>
3. 150 kg ha<sup>-1</sup>
4. 160 kg ha<sup>-1</sup>

Options :

5531723837. 1

5531723838. 2

5531723839. 3

5531723840. 4

Question Number : 141 Question Id : 553172975 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The maximum area and production of chickpea is in

1. U.P.
2. Bihar
3. M.P.
4. Rajasthan

Options :

5531723841. 1

5531723842. 2

5531723843. 3

5531723844. 4

Question Number : 142 Question Id : 553172976 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Wilt resistant variety of chickpea is

1. K 850
2. Pusa 375
3. Pusa 362
4. Pant 114

Options :

5531723845. 1

5531723846. 2

5531723847. 3

5531723848. 4

Question Number : 143 Question Id : 553172977 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Pusa 209 is a variety of

1. Gram
2. Mustard
3. Redgram
4. Lentil

Options :

5531723849. 1

5531723850. 2

5531723851. 3

5531723852. 4

Question Number : 144 Question Id : 553172978 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Reclamation of sodic soil is done by application of

1. Lime
2. Press mud
3. Gypsum
4. Pyrites

Options :

5531723853. 1

5531723854. 2

5531723855. 3

5531723856. 4

Question Number : 145 Question Id : 553172979 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The number of coordinating zones for wheat in India is

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

Options :

5531723857. 1

5531723858. 2

5531723859. 3

5531723860. 4

Question Number : 146 Question Id : 553172980 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Type of soil which has low permeability

1. Saline
2. Alkali
3. Acidic
4. Laterite

Options :

5531723861. 1

5531723862. 2

5531723863. 3

5531723864. 4

**Question Number : 147 Question Id : 553172981 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Kind of protein mainly responsible for baking is

1. Albumin
2. Globulin
3. Prolamin
4. Glutamine-gluten

**Options :**

5531723865. 1

5531723866. 2

5531723867. 3

5531723868. 4

**Question Number : 148 Question Id : 553172982 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Wheat crop has how many species?

1. 10
2. 12
3. 15
4. 18

**Options :**

5531723869. 1

5531723870. 2

5531723871. 3

5531723872. 4

**Question Number : 149 Question Id : 553172983 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Water requirement for nursery preparation in rice is

1. 150 – 200 mm
2. 200 – 300 mm
3. 300 – 350 mm
4. 300 – 400 mm

**Options :**

5531723873. 1

5531723874. 2

5531723875. 3

5531723876. 4

**Question Number : 150 Question Id : 553172984 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Integrated farming system means

1. Integration of two cropping systems
2. Integration of same enterprises
3. Integration of two crops
4. Integration of two or more than two enterprises

**Options :**

5531723877. 1

5531723878. 2

5531723879. 3

5531723880. 4

**Question Number : 151 Question Id : 553172985 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Triple superphosphate is made by treating rock phosphate  
with

1.  $H_2SO_4$
2.  $H_3PO_4$
3. HCl
4.  $HNO_3$

**Options :**

5531723881. 1

5531723882. 2

5531723883. 3

5531723884. 4

**Question Number : 152 Question Id : 553172986 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Crop production is related to

1. Supply of nutrients
2. Production of crops
3. Management of crops
4. Pest management in crops

**Options :**

5531723885. 1

5531723886. 2

5531723887. 3

5531723888. 4

**Question Number : 153 Question Id : 553172987 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

**Optimum temperature for tuberization in potato is**

1.  $< 20^{\circ} \text{C}$
2.  $20 - 25^{\circ} \text{C}$
3.  $25 - 30^{\circ} \text{C}$
4.  $30 - 35^{\circ} \text{C}$

**Options :**

5531723889. 1

5531723890. 2

5531723891. 3

5531723892. 4

**Question Number : 154 Question Id : 553172988 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

**Maximum leaf area in wheat is observed at**

1. Tillering stage
2. Crown-root initiation stage
3. Booting stage
4. Booting/flag leaf stage

**Options :**

5531723893. 1

5531723894. 2

5531723895. 3

5531723896. 4

**Question Number : 155 Question Id : 553172989 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**



Jointing stage in wheat starts how many days after sowing

1. 30 – 45
2. 45 – 60
3. 60 – 75
4. 70 – 90

Options :

5531723897. 1

5531723898. 2

5531723899. 3

5531723900. 4

Question Number : 156 Question Id : 553172990 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

*Khaira* disease in rice is caused due to

1. Bacterial blight
2. Molybdenum deficiency
3. Zinc deficiency
4. Iron deficiency

Options :

5531723901. 1

5531723902. 2

5531723903. 3

5531723904. 4

Question Number : 157 Question Id : 553172991 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Rice is grown maximum in which season?

1. Monsoon (*Kharif*)
2. Autumn
3. *Rabi*
4. Summer

Options :

5531723905. 1

5531723906. 2

5531723907. 3

5531723908. 4

Question Number : 158 Question Id : 553172992 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The cropping system which has maximum area in India is

1. Rice – Rice
2. Rice – Wheat
3. Maize – Potato
4. Maize – Wheat

Options :

5531723909. 1

5531723910. 2

5531723911. 3

5531723912. 4

Question Number : 159 Question Id : 553172993 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Major problem in *bajra* cultivation is due to

1. Disease management
2. Insect management
3. Weed management
4. Crop establishment

Options :

5531723913. 1

5531723914. 2

5531723915. 3

5531723916. 4

Question Number : 160 Question Id : 553172994 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In a population of size 10, the possible number of samples of size 2 will be

1. 45
2. 40
3. 35
4. 56

Options :

5531723917. 1

5531723918. 2

5531723919. 3

