

ICAR AIEEA PG 2025 Agronomy Question Paper

Time Allowed :120 Minutes

Maximum Marks :480

Total questions :120

General Instructions

Read the following general instructions carefully and adhere to them strictly:

1. **Duration of the Exam:** The total duration of the examination is 2 hours and 30 minutes.
2. **Total Marks:** The question paper carries a total of 480 marks.
3. **Number of Questions:** The paper contains 120 multiple-choice questions (MCQs)
4. **Question Paper Format:**
 - All questions are compulsory unless otherwise instructed.
 - Each question has four options, out of which only one is correct.
5. **Mode of Examination:** The examination is conducted in online mode (Computer-Based Test).
6. **Marking Scheme:**
 - Each correct answer carries 4 marks.
 - 1 mark will be deducted for each incorrect answer.
 - No marks will be awarded or deducted for unattempted questions.
7. **Medium of Paper:** The question paper will be bilingual (English and Hindi), except for the language section (if applicable).
8. **Electronic Devices:** Use of calculators, mobile phones, smartwatches or any electronic gadgets is strictly prohibited.

1. Which of the following crops is most sensitive to waterlogging conditions?

- (A) Rice
 - (B) Maize
 - (C) Sugarcane
 - (D) Jute
-

2. The critical stage for irrigation in wheat is:

- (A) Tillering
 - (B) Crown root initiation
 - (C) Flowering
 - (D) Dough stage
-

3. Which of the following is a C₄ plant?

- (A) Wheat
 - (B) Rice
 - (C) Maize
 - (D) Barley
-

4. The term 'Allelopathy' refers to:

- (A) Symbiotic relationship between plants
 - (B) Competition for light among plants
 - (C) Chemical inhibition of one species by another
 - (D) Mutualistic interaction between fungi and roots
-

5. Which nutrient is classified as a secondary macronutrient?

- (A) Nitrogen
 - (B) Phosphorus
 - (C) Calcium
 - (D) Iron
-

6. The 'Law of the Minimum' was proposed by:

- (A) Liebig
 - (B) Mitscherlich
 - (C) Blackman
 - (D) Lawes
-

7. Which cropping system involves growing two or more crops simultaneously on the same field?

- (A) Monocropping
 - (B) Intercropping
 - (C) Sequential cropping
 - (D) Relay cropping
-

8. Which weed is known as 'Congress grass'?

- (A) Parthenium hysterophorus
 - (B) Eichhornia crassipes
 - (C) Lantana camara
 - (D) Cyperus rotundus
-

9. The process of converting atmospheric nitrogen into a form usable by plants is called:

- (A) Nitrification
 - (B) Denitrification
 - (C) Nitrogen fixation
 - (D) Ammonification
-