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FOR HARYANA CLASS 12 PREPARATION

HBSE Class 12 Sample Paper 2027 Agriculture

EXAM	YEAR	TYPE	SUBJECT
Haryana Class 12	2027	Sample Paper	Agriculture

Class 12 Agriculture (815)
Model Question Paper (2026–27)

Time: 2 Hours 30 Minutes **Maximum Marks:** 60

Section A – Objective Questions **(15 × 1 = 15 Marks)**

Multiple Choice Questions (6)

1. Which cropping system involves growing two or more crops simultaneously on the same field?
   a) Crop rotation
   b) Mixed cropping
   c) Tillage
   d) Relay cropping
2. Which nutrient is mainly responsible for root development?
   a) Nitrogen
   b) Potassium
   c) Phosphorus
   d) Zinc
3. Drip irrigation is an example of:
   a) Surface irrigation
   b) Flood irrigation
   c) Pressure irrigation
   d) Drainage irrigation
4. Which of the following is a fibre crop?
   a) Wheat
   b) Cotton
   c) Mustard
   d) Chickpea
5. Mango belongs to which category?
   a) Vegetable crop
   b) Flower crop
   c) Fruit crop
   d) Oilseed crop
6. Which flower is generally grown under protected conditions?
   a) Marigold
   b) Jasmine
   c) Gerbera
   d) Chrysanthemum

Fill in the Blanks (3)

7. The decomposition of organic matter improves _____ fertility.
8. _____ irrigation saves maximum water by applying it directly near the root zone.
9. _____ is the process of removing unwanted plants from crop fields.

One Word Answer Questions (3)

10. Name the instrument used for soil pH determination.
11. Name one green manure crop.
12. Name one cereal crop.

Assertion–Reason Questions (3)

13. **Assertion (A):** Waterlogging reduces crop growth.
    Reason (R): Excess water decreases soil aeration.
14. **Assertion (A):** Crop rotation improves soil health.
    Reason (R): The same crop is grown repeatedly year after year.
15. **Assertion (A):** Herbicides are used in weed management.
    Reason (R): Herbicides increase weed growth.

Section B – Very Short Answer Questions (6 × 2 = 12 Marks)

(Internal choice in any two questions)

16. Define crop rotation and mention one advantage.
17. What is soil fertility? How is it different from soil productivity?
18. Write any two harmful effects of weeds.
19. (a) What is drainage? **OR**
    (b) What is water-use efficiency?
20. Name any four pulse crops.
21. (a) What is parthenocarpy? **OR**
    (b) What is pruning?

Section C – Short Answer Questions (6 × 3 = 18 Marks)

(Internal choice in any two questions)

22. Explain the classification of crops on the basis of seasons.
23. Describe any three methods of fertilizer application.
24. Explain the importance of sprinkler and drip irrigation systems.
25. (a) Discuss integrated weed management.
    OR
    (b) Explain herbicide resistance and its management.
26. Describe the cultivation practices of wheat.
27. Explain the importance of vegetables in human nutrition and national economy.

Section D – Essay Type Questions (3 × 5 = 15 Marks)

(Internal choice in all questions)

28. (a) Discuss essential plant nutrients, their role and deficiency symptoms.
    OR
    (b) Explain different organic manures and their importance in crop production.
29. (a) Describe the soil and climatic requirements, varieties and cultivation practices of cotton.
    OR
    (b) Explain the cultivation practices of mustard or sunflower.
30. (a) Discuss the production technology of mango cultivation.
    OR
    (b) Explain the cultivation of flowering crops with special reference to rose and marigold.
