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FOR HARYANA CLASS 10 PREPARATION

HBSE Class 10 Sample Paper 2027 Agriculture

EXAM	YEAR	TYPE	SUBJECT
Haryana Class 10	2027	Sample Paper	Agriculture

MODEL QUESTION PAPER 2026–27

Class: 10th
Subject: Agriculture

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

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

Multiple Choice Questions

1. Which of the following is a Kharif crop?
   a) Wheat
   b) Mustard
   c) Rice
   d) Barley
2. Drip irrigation is mainly used for:
   a) Saving water
   b) Increasing weeds
   c) Harvesting crops
   d) Threshing
3. Which implement is used for primary tillage?
   a) Sprayer
   b) M.B. Plough
   c) Seed drill
   d) Rotavator
4. Berseem is a:
   a) Kharif crop
   b) Vegetable crop
   c) Rabi fodder crop
   d) Oilseed crop
5. Water harvesting is associated with:
   a) Dryland farming
   b) Vegetable cultivation
   c) Harvesting equipment
   d) Drainage
6. Which vegetable crop grows underground?
   a) Tomato
   b) Brinjal
   c) Potato
   d) Cauliflower

Fill in the Blanks

7. _____ is known as the king of cereals.
8. Sprinkler irrigation is a type of _____ irrigation.
9. _____ agriculture is mainly practiced for family consumption.

One Word Answer

10. Name one pulse crop grown in Kharif season.
11. Name the implement used for sowing seeds and fertilizers together.
12. Name one micro-irrigation method.

Assertion–Reason

13. **Assertion (A):** Dryland farming depends mainly on rainfall.
    Reason (R): Irrigation facilities are limited in dryland areas.
14. **Assertion (A):** Waterlogging affects crop growth adversely.
    Reason (R): Excess water reduces soil aeration.
15. **Assertion (A):** Rotavator is used in tillage operations.
    Reason (R): It helps in seed treatment.

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

(Internal choice in any two questions)

16. Define Kharif crops.
17. Write any two characteristics of dryland farming.
18. Mention two advantages of sprinkler irrigation.
19. What is drainage? Why is it important?
20. Write any two uses of cultivator.

OR

What is water harvesting?

21. Name any two vegetable crops grown in winter season.

OR

Name any two oilseed crops.

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

(Internal choice in any two questions)

22. Differentiate between Kharif and Rabi crops.
23. Explain the climatic and soil requirements of wheat.
24. What are the constraints limiting crop production in dryland areas?

OR

Explain watershed management.

25. Describe the functions of seed-cum-fertilizer drill.
26. Explain the adverse effects of waterlogging on soil and crops.

OR

Describe drip irrigation and its advantages.

27. Write short notes on:
    a) Harrow
    b) Cultivator

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

(Internal choice in all questions)

28. Explain the cultivation practices of rice with reference to:

- Climate
- Soil
- Sowing
- Fertilizer requirement
- Harvesting

OR

Explain the cultivation practices of maize.

29. Discuss the various agricultural implements used for:

- Tillage
- Sowing
- Plant protection
- Harvesting and threshing

OR

Explain the advantages and disadvantages of farm power machinery.

30. Define Subsistence Agriculture. Explain its characteristics, merits, demerits and importance in Haryana.

OR

Describe the methods of cultivation in Subsistence Agriculture.
