

St. Andrews Scots Sr. Sec. School
9th Avenue, I.P. Extension, Patparganj, Delhi – 110092
Session: 2025-2026 - Worksheet - 1

Class: VIII

Subject: Science

Topic: Crop Production

Q.1. Define:

- a) Horticulture
- b) Broadcasting
- c) Organic farming
- d) Crop rotation
- e) Animal husbandry

Q.2. Fill in the blanks:

- a) A _____ is used for both harvesting and threshing.
- b) Seeds are often grown in nurseries and then _____ to the fields.
- c) _____ was the first crop known to be cultivated.
- d) Separation of grains from the chaff is called _____.
- e) _____ is the process of loosening and turning up of the soil.

Q.3. Multiple Choice Questions:

- a) Who was attributed for the successful implementation of the Green Revolution in India?
 - i) C.V. Raman ii) MS Swaminathan
 - iii) Hem Singh iv) Subramaniam Nagarajan
- b) Rearing of fish is called _____.
 - i) Horticulture ii) Pisciculture
 - iii) Apiculture iv) None of these
- c) Dried _____ leaves are used for storing food grains at home
 - i) neem ii) mango
 - iii) peepal iv) banana
- d) Which of the following can't tolerate standing water?
 - i) Cotton ii) Groundnut
 - iii) Wheat iv) None of these
- e) Which one of the following conditions is not essential to grow maize?
 - i) Rainfall ii) High-temperature
 - iii) Low-temperature iv) Humidity

Q.4. Answer in one word:

- a) How many years ago did agriculture begin?
- b) Which gas is circulated in silos?
- c) Which crop is grown in the rainy season?
- d) What is the first step for growing a crop?
- e) Name the nitrogen-fixing bacteria present in root nodules of leguminous plants.

Q.5. Answer the following questions:

- a) Why is levelling essential in the preparation of soil? Draw a diagram of the tool used in this method.
- b) Why do the crops that are grown in sandy soil need more frequent irrigation than crops grown in clayed soil?
- c) Why do we not grow rice and soya bean in winter season?
- d) A farmer has sown the seeds too deep. What is he likely going to observe? Give reasons.
- e) Discuss the benefits of the Green Revolution.