



RAMAGYA SCHOOL, NOIDA  
CLASS VIII/SCIENCE/2017-18  
OLYMPIAD PRACTICE WORKSHEET

MULTIPLE CHOICE QUESTIONS

- Which of the following condition is not essential to grow maize?
  - High temperature
  - Humidity
  - Low temperature
  - Rainfall
- Propagation of ginger is generally done using
  - Seed
  - Stem (rhizome)
  - Root
  - Leaf
- Which of the following statement is not true for organic manure?
  - It enhances water holding capacity of soil
  - It has a balance of all the plant nutrients
  - It provides humus to soil
  - It improves texture of soil
- The term used for the process of separation of grains from chaff is
  - Sieving
  - Threshing
  - Winnowing
  - Hand picking
- Read the statements given below:
  - Seeds require moisture for germination
  - Plants can absorb nutrients mostly in dissolved form
  - Irrigation protects crops from both frost and hot air currents
  - Irrigation improves soil texture

Choose the combination of statements, which indicate the need to irrigate crops.

- i and ii
  - i, ii, iii
  - i, ii, iii, iv
  - i and iii
- Which of the following tools would a farmer use to remove weeds from the field?
    - Hoe
    - Plough
    - Axe

- d. Cultivator
- 7. Which of the following is not true for fertilizers?
  - a. They increase the yield
  - b. Their excessive use disturbs the balance of nutrients in soil
  - c. They are generally used in small quantity
  - d. They are environment friendly
- 8. Given below are statements about the harmful effects of weeds on crops plants
  - i. They interfere in harvesting
  - ii. They help crop plants to grow healthily
  - iii. They compete with crops plants for water, nutrients, space and light
  - iv. They affect plant growth

Choose the correct combination of statement

- a. i, iii, iv
- b. iii only
- c. iii, iv
- d. i, ii, iii, iv
- 9. Process of loosening and turning of soil is called
  - a. Irrigation and manuring
  - b. Digging and Winnowing
  - c. Tilling and Ploughing
  - d. Harvesting and Storage
- 10. CAN and NPK are
  - a. bio fertilizers
  - b. mixed fertilizers
  - c. green manures
  - d. pesticides
- 11. The system of irrigation wherein water is supplied drop by drop near the roots of plants is called
  - a. Pulley System
  - b. Drip System
  - c. Sprinkler
  - d. Lever System
- 12. Which of the following can never belong to category of plant pests
  - a. Leeches
  - b. Rodents
  - c. Birds
  - d. Insects
- 13. Read the following statements
  - i. Cross breeding is a method for crop improvement
  - ii. Self breeding is called hybridisation
  - a. Statement ii is wrong and I is correct
  - b. Both are wrong
  - c. Statement i is wrong and ii is correct
  - d. Both are crrect
- 14. In the field during fallow period
  - a. Only rabi crops are grown
  - b. Only kharif crops are grown
  - c. Fibre crops are grown

- d. Crops are not grown
- 15. If new plants are grown from stem or root of parent plant then it will be
  - a. Vegetational development
  - b. Vegetative propagation
  - c. Fertilization
  - d. Artificial growth
- 16. Rainwater collected in check dams
  - a. Increases ground water level
  - b. Decreases fertility of soil
  - c. Supplies water to urban areas
  - d. Decreases rain in areas
- 17. Nitrogen is essential for plant growth and its usable form for plants is
  - a. Liquid nitrogen
  - b. Nitrates
  - c. Ammonia
  - d. Nitrogen gas
- 18. A common weed is
  - a. Dhaincha
  - b. Amaranthus
  - c. Azadirichta
  - d. Crotolaria
- 19. Water logging can be reduced soil fertility by
  - a. Increasing salts in soil
  - b. Decreasing fertilizer content of soil
  - c. Creating new salts in soil
  - d. Decreasing salts in soil
- 20. Fodder crops examples are
  - a. Parthenium and amaranthus
  - b. Burseem and alfalfa
  - c. Chenopodium and alfalfa
  - d. Amaranthus and alfalfa