

**SETH ANANDRAM JAIPURIA SCHOOL**  
**VASUNDHARA, GHAZIABAD**  
**OLYMPIAD WORKSHEET**  
**CLASS – VIII**  
**BIOLOGY**  
**TOPIC: CROP PRODUCTION AND MANAGEMENT**

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1. Manure comprises mainly of
  - A. Decomposed animal and plant remains
  - B. inorganic salts
  - C. nitrates
  - D. weeds
2. Herbicides are used to control
  - A. pests
  - B. birds
  - C. weeds
  - D. diseases
3. Which of these is NOT a major group of activities for improving crop yield?
  - A. Crop protection management
  - B. Crop production management
  - C. Crop variety improvement
  - D. Crop transport management
4. Four pupils were asked to state what they knew about decomposers. Their answers are
  - Abhi : They help to return nutrients to the soil.
  - Esha : They require sunlight, air and water to grow
  - Jane : They break down dead organisms into smaller substances.
  - John : They remove dead organisms from the environment.

Who are correct?

  - A. Only Esha and Jane
  - B. Only Abhi and Esha
  - C. Only Esha and John
  - D. Only Abhi, Jane and John

5. Match the following crops in Column-I with the season in which they are sown in Column-II.

|    | Column-I |     | Column-II |
|----|----------|-----|-----------|
| P. | Kharif   | i.  | Summer    |
| q. | Rabi     | ii. | Rainy     |
| r. | Zayed    | iii | Winter    |

- A. p-i, q-ii, r-iii  
B. p-ii, q-iii, r-i  
C. p-iii, q-ii, r-i  
D. p-ii, q-i, ,r-iii

6. Crop rotation helps in

- A. increasing the yield  
B. maintaining soil fertility  
C. controlling plant disease  
D. conserving water

7. The artificial rearing of fish and prawns is called

- A. sericulture  
B. pisciculture  
C. apiculture  
D. horticulture

8. Tuber crops are a source of

- A. starch  
B. sugar  
C. proteins  
D. vitamins

9. Which of the following crop is transplanted?

- A. paddy  
B. wheat  
C. gram  
D. brinjal

10. The process of removing chaff from grains is called

- A. threshing  
B. weeding  
C. harvesting

- D. winnowin
11. Which of the following is an example of a weed?
- A. peas
  - B. mint
  - C. amaranthus
  - D. all of these
12. Transplanting helps
- A. farmers to select only healthy seedling
  - B. in sowing plants at proper spacing
  - C. in increasing crop yield
  - D. all of these
13. The process by which nutrients are released back into the soil
- A. fermentation
  - B. decomposition
  - C. digestion
  - D. respiration
14. Which of the following tools is not used in the preparation of soil?
- A. plough
  - B. seed drill
  - C. cultivator
  - D. leveler
15. Combine is used for
- A. threshing
  - B. weeding
  - C. irrigation
  - D. ploughing
16. Fallowing is the
- A. process of planting seeds in the soil
  - B. sprinkling of seeds into the soil
  - C. adding manure to the soil
  - D. leaving the soil uncultivated for some time
17. Which of the following statements is not true for manure?
- A. It has more humus than synthetic fertilizers
  - B. It improves the capacity of the soil to absorb and store water
  - C. It contains more nutrients than the synthetic fertilizers

D. It helps to prevent soil erosion

18. Tea, coffee and rubber are called as –

- A. agricultural crops
- B. plantation crops
- C. food crops
- D. none of these

19. Which one of the following does not add nutrients to the soil?

- A. crop rotation
- B. leaving the field fallow
- C. manures
- D. ploughing

20. Sandy soil is not good for plants because it –

- A. cannot hold water
- B. has poor aeration
- C. contain more minerals
- D. has poor drainage

21. Which one of the following is not true about ploughing?

- A. it loosens the soil
- B. it aerates the soil
- C. it prevents soil erosion
- D. it allows easy penetration of roots into the soil

22. For uniform distribution of water and manure in a field, we practice –

- A. ploughing
- B. leveling
- C. manuring
- D. none of these

23. Which of the following crops would enrich the soil with nitrogen

- A. apple
- B. pea
- C. paddy
- D. potato

24. In agriculture broadcasting is used for –

- A. ploughing the fields
- B. crop rotation

- C. sowing the seeds
- D. removing the weeds

25. Which of these includes production of earthworms and worms?

- A. sericulture
- B. horticulture
- C. pisciculture
- D. vermiculture