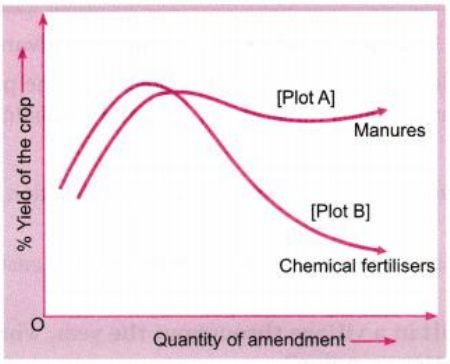
INDIAN SCHOOL NIZWA

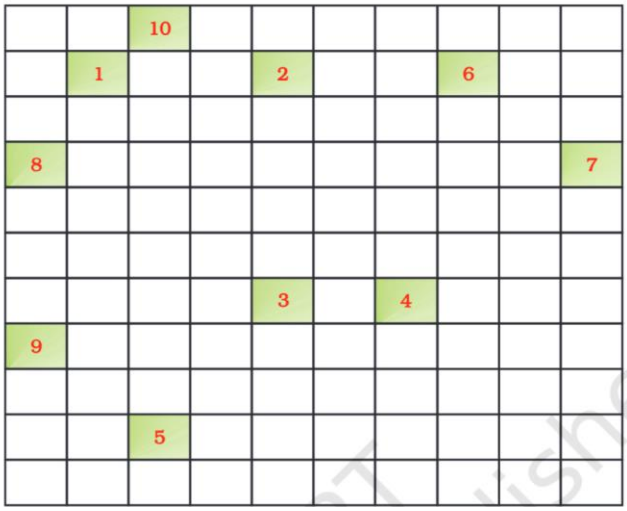
CLASS IX ABC- SCIENCE – CH -15 WORKSHEET-1

Answer the following questions

1. Figure shows the two crop fields [plots A and B] have been treated by manures and chemical fertilisers respectively, keeping other environmental factors same.
   Observe the graph and answer the following questions.



   (i) Why does plot B show sudden increase and then gradual decrease in yield?
   (ii) Why is the highest peak in plot A graph slightly delayed?
   (iii) What is the reason for the different pattern of the two graphs?
2. (a) Give any three preventive measures for pest control.
   (b) What preventive and control measures are used before grains are stored for future use?
3. Differentiate between fertilisers and manures.
4. Complete the crossword puzzle



Across	Downward
1. Oil yielding plant (9)	2. Animal feed (6)
3. Crop grown in winter season (4)	4. A micronutrient (5)
5. Fixed by Rhizobium (8)	6. Unwanted plant in crop fields (4)
9. Common honey bee (4)	7. An exotic breed of chicken (7)
	8. Bottom feeders in fish pond (7)
	10. A marine fish (4)

5. An Italian bee variety A. mellifera has been introduced in India for honey production. Write about its merits over other varieties.
6. List out some useful traits in improved crop?

7. What is a GM crop? Name any one such crop which is grown in India.
8. Why is organic matter important for crop production?
9. Why is excess use of fertilizers detrimental for environment?
10. Differentiate between compost and vermi- compost
11. Discuss the role of hybridisation in crop improvement.
12. Define
    (i) Vermicompost (ii) Green manure (iii) Biofertiliser
13. Discuss various methods for weed control.
14. Differentiate between the following:
    (i) Capture fishery and Culture fishery
    (ii) Mixed cropping and Inter cropping
    (iii) Bee keeping and Poultry farming
15. What do you understand by composite fish culture?
16. Why bee keeping should be done in good pasturage?
17. Discuss why pesticides are used in very accurate concentration and in very appropriate manner?
18. Name two types of animal feed and write their functions.
19. What would happen if poultry birds are larger in size and have no summer adaptation capacity? In order to get small sized poultry birds, having summer adaptability, what method will be employed?
20. Suggest some preventive measures for the diseases of poultry birds.