INDIAN SCHOOL NIZWA - WORKSHEET

BIOLOGY

CH:15 IMPROVEMENT IN FOOD PRODUCTION.(BQ)

Name: _____ Date:_____ Class: IX Sec: ___

1. What is animal husbandry? Differentiate between milch and draught animals. What do the following supply to dairy animals : (i) roughage (ii) concentrates. [5]
2. A student visited a fish farm where he found Catla, Rohu, Mrigals, Common Carps and Grass Carps cultured in the same pond. Name the type of fish farming observed by the student. (b) Mention the advantages of such farming system. (c) What is the main problem in such fish farming ? How do farmers overcome such problem ?[5]
3. State differences between mixed cropping and intercropping with examples[2].
4. A farmer found that xanthium and parthenium are also growing along with paddy in the field ? What are such plants called ? How the presence of these plants affect the crop yield ? (b) List any four methods for controlling and preventing the growth of such plants ? [5]
5. List the different ways in which biotic and abiotic factors affect stored food grains ? (b) What preventive and controlling measures need to be taken before and after storing the grains ? [5]
6. Name any three methods of irrigation and briefly describe them. 3
7. List the nutrients supplied by air, water and soil to the plants. 3

8. What are the two ways by which we can obtain fish for our food ? Explain. How is culture of Pomphret and Mackeral different from that of Catla and Rohu ? (b) Give an example each for (i) Fresh water prawn (ii) Marine water prawn [5]
9. Differentiate between Intercropping and mixed cropping giving one example of each. (b) List any two advantages of such type of cropping patterns. [3]
10. Mention the two ways of obtaining fish. (b) Explain composite fish culture system with the help of an example. (c) Mention the major problem in fish farming. How can this problem be overcome ? [5]

11. What is „green manuring‟ ? List any two commonly used green manure crops and name two **3** macronutrients provided by green manure. [3]
12. What is crop rotation ? Tabulate two difference between inter cropping and mixed cropping. [2]
13. Define animal husbandry. List any three basic aspects covered by animal husbandry ? (b) Mention any two basic requirements of shelter facilities for animals so that their health is not affected ? (c) Give two example of Exotic breeds of cows which is selected for long lactation period. [5]
14. Why is irrigation important for crops ? Describe in brief any four different kinds of irrigation systems adopted to supply water to agricultural lands.[3]
15. Explain that livestock production needs to be improved. Why is there necessity of animal husbandry ? [2]
16. What are the different cropping patterns? Describe any two. [2]
17. Which variety of bee is advantageous - Apis cerena indica or Apis mellifera and Why ? (b) What is pasturage ? How is it related to honey production ? [3]
18. Define macro nutrients ? (b) Pick out micro nutrients from the list given below : Zinc, Calcium, iron, nitrogen, potassium, (c) Name any three processes in plants which are affected by deficiency in nutrients. [3]
19. How are cultivation practices and crop yield related to weather? Describe any three factors for which variety improvement is done.[3]
20. What is lactation period ? Name two breeds of cattle which are selected for their long lactation period. Why are they crossed with local breeds ? (b) What are roughage and concentrates ?[5]

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21. Describe any two irrigation systems adopted in India to supply water to agricultural lands. (b) Write two advantages of building check dams[3]