



INDIAN SCHOOL NIZWA - WORKSHEET

BIOLOGY CH-9 STRATEGIES FOR ENHANCEMENT FOR FOOD PRODUCTION

Name: _____

Date: _____

Class: XII-A

1. Name the technique and the property of plant cells that can help to grow somaclones of certain desired variety of apple. Explain how somaclones of apple can be obtained in the lab so as to get the desired variety on large scale.
2. State the disadvantage of inbreeding in cattle? How it can be overcome?
3. Give the scientific names of the most common species of honeybee reared in India. Why is it advantageous to keep bee hives in crop fields during flowering periods?
4. Explain MOET
5. Differentiate between inbreeding and out breeding in cattle .State one advantage and one disadvantage of both.
6. How can healthy potato plants be obtained from a desired potato variety which is virus infected?
7. What is biofortification ? write its importance
8. Explain the main steps in breeding a new genetic variety of crop
9. Explain the process of artificial hybridization to get improved crop variety in a) plants bearing bisexual flowers b) female plants producing unisexual flowers
10. Mention the property that enables the explants to regenerate into a new plant. A banana plant is virus infected. Describe the method that will help in obtaining healthy banana plants from this diseased plant.
11. What is SCP?