

Science

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(Chapter – 15) (Improvement in Food Resources)
(Class – IX)

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Q.1 How are fish obtained?

Sol. Fish can be obtained by two ways:

- (i) **Capture fishing**: It is the process of obtaining fish from natural resources.
 - (ii) **Culture fishery**: It is the practice of farming fishes. Farming can be done in both fresh water ecosystem (which includes river water, pond water) and marine ecosystem.
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Q.2 What are the advantages of composite fish culture?

Sol. An advantage of composite fish culture is that **it increases the yield of fish**. In a composite fish culture, **five or six different species are grown together in a single fish pond**. Fishes with different food habitats are chosen so that they do not compete for food among themselves. Also, this ensures a complete utilization of food resources in the pond. As a result, **the survival rate of fish increases and their yield also increases**.



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Q.1 What are the desirable characters of bee varieties suitable for honey production?

Sol. Bee varieties having the following desirable characters are suitable for honey production:

- (i) They should yield **high quantity of honey**.
- (ii) They should **not sting much**.
- (iii) They should **stay in the beehive for long durations**.
- (iv) They should **breed very well**.

Q.2 What is pasturage and how is it related to honey production?

Sol. Pasturage is the availability of flowers from which bees collect nectar and pollen. It is **related to the production of honey** as it **determines the taste and quantity of honey**.

