

NTSE

NCERT Solutions Class 9 Science
BIOLOGY – Improvement in Food Resources



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NCERT ANNEXURE

Below are the solutions for Subjective type questions from NCERT Annexure.

1. What are the advantages of composite fish culture?

Ans. Efficient use of resources, Maximum of six varieties can be obtained, there is no competition for food or space amongst different types of fish, the fish yield is high; these are the few advantages of composite culture.

2. What are desirable characters of bee varieties suitable for honey production?

Ans. 1. Good honey production capacity (high yield).

2. They should stingless.

3. Can stay in single hive for a long period

4. Breed well

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

Ans. Pasturage is the availability of flowers to the bees for nectar and pollen collection. The value, taste and quality of honey depend upon the pasturage.

4. Explain any one method of crop production ensuring high yield.

Ans. Crop rotation

Growing a leguminous and a non-leguminous plant in alternate season gives a high yield. It helps in maintaining the fertility of the soil and eradicates pathogen.

5. Contrast broilers and layers.

Ans.

Layers	Broilers
Layers are <u>egg-laying</u> birds.	Broilers are maintained for <u>getting meat</u> .
Layers start producing eggs at the age of <u>20 weeks</u> .	Broilers are ready for meat after <u>6-7 weeks</u> .
They <u>need restricted and calculated feed</u> with vitamins, minerals and micronutrients.	Broilers are fed with vitamin and protein-rich diet with adequate fat.

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NCERT EXEMPLAR

Below are the 5 Objective type questions from NCERT Exemplar

1. Which one is an oil yielding plant among the following?

- (A) Lentil (B) Sunflower (C) Cauliflower (D) Hibiscus

Ans. (B)

2. Which one is not a source of carbohydrate?

- (A) Rice (B) Millets (C) Sorghum (D) Gram

Ans. (D)

3. Find out the wrong statement from the following.

- (A) White revolution is meant for an increase in milk production.
(B) Blue revolution is meant for an increase in fish production.
(C) Increasing food production without compromising with environmental quality is called sustainable agriculture.
(D) None of the above

Ans. (D)

4. To solve the food problem of the country, which among the following is necessary?

- (A) Increased production and storage of food grains
(B) Easy access of people to the food grain
(C) People should have money to purchase the grains
(D) All of the above

Ans. (D)

5. Find out the correct sentence.

- (i) Hybridisation means crossing between genetically dissimilar plants.
(ii) Cross between two varieties is called as interspecific hybridisation.
(iii) Introducing genes of the desired character into a plant gives a genetically modified crop.
(iv) Cross between plants of two species is called as inter varietal Hybridisation.

- (A) (i) and (iii) (B) (ii) and (iv) (C) (ii) and (iii) (D) (iii) and (iv)

Ans. (A)

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I still wonder how one man has such a deep understanding of an examination. It becomes the truth what ever Vipin Sir says about NTSE.

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