

BIOLOGY SUMMER VACATION HOME –WORK

CLASS -9 SESSION 2017-18 BY

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1. Do organism need food?
2. Why organism need food?
3. What does food provide?
4. What are the major source of food?
5. Why we need to improve production from agriculture and animal husbandry, to sustain livelihood?
6. What practices should we undertake of sustain livelihood?
7. Which is the kharif season?
8. Name some kharif crop?
9. Which is the kharif season?
10. Nam some rabi crops?
11. Give one way by which desirable characters can be incorporated in crop verify?
12. How many nutrients are essential for plant?
13. What are macronutrients? Name it?
14. What are micronutrients? Name it?
15. Why is manure essential for soil?
16. Why is fertilizers is organic farming beneficial? Why?
17. Name various irrigation system?
18. Name the two factors on which the irrigation requirement of the crop defence. Ans. Nature of crop, nature of soil?
19. What is weeds? Give examples?
20. What removal of weeds are necessary?
21. Which is the most effective method for destroying insects, in storage grains?
22. What is animal husbandry?
23. Write the purpose of cattle husbandry?
24. Why is poultry farming developed?

25. Which is most advantageous fish culture? Ans. Composite fish culture.
26. Which species of honey bee is used for commercial production of honey bee?
27. Fill in the blanks :-
- i) Chemical used to keep weeds are called
 - ii) Milk production can be increased by increasing period.
 - iii) Growing different crop on a piece of land in pre-planned succession is known as
 - iv) Growing of wheat and gram on the same field is called
 - v) The unwanted plant that grows along with desired plant is called
 - vi) Diseases in plants are caused by
 - vii) Farming without the use of chemicals as fertilizer, herbicides and pesticides is known as
 - viii) Xanthium and parthenium are commonly known as ix) Soil supplied nutrient to plant.
 - x) Wheat, gram, pea, mustard are crops.
28. Give an example for exotic and indigenous breeds of poultry and cow.
29. What is manure? State two advantages of using manure. How green manure is different from ordinary manure.
30. Define crop rotation? While choosing plant for crop rotation, what factor should be kept in mind.
31. What is intercropping? How does it differ from mixed cropping? State its two advantages.
32. What are weeds? Who are weeds harmful? Describe the measures of weeds control?
33. Differentiate between compost and vermicompost?
34. Differentiate manure and fertilizer?
35. Differentiate mixed and intercropping?
36. What is hybridization? What are its types?
37. Mention three different ways in which crop plant can be attacked by insects, pest? Also suggest one control measure and two preventive measure against pest?
38. What is composite fish culture? Give its two advantage?
39. Why bee keeping should be done in good pastured?
40. What is genetic manipulation?
41. How it is useful in agriculture practices?

42. Arrange these statement in correct sequence of preparation of green manure:-

i) Green plant are decomposed in soil.

ii) Green plants are cultivated for preparing manure or crop plants parts are used. iii)

Plant are ploughed and mixed into the soil.

iv) After decomposition it becomes green manure.