

VACATION ASSIGNMENT

SESSION 2017-18

SUB: - BIOLOGY

Holiday Homework

Class VI

BIOLOGY

Q1. Science NCERT Book

1. Page no 16 make complete table of Vitamins
2. Page no 17 complete exercise
3. Page no 24 complete exercise

Q2 Book Science BOOSTER

1. Page no 27 table no 2.5 and 2.4
2. Page no 20 activity no 1 and 2
3. Page no 22 activity no 4
4. Page no 24 activity no 5
5. Page no 23 activity no 2.2

Q3 F\Make Diagram of Plant Cell and animal cell

Holiday Homework

Class VII

BIOLOGY

1. Why do organism need to take food? What are the main mode of nutrition?
2. What is Heterotrophy? Give example
3. What are insectivorous plants. Give ex
4. Why do farmer add fertiliser in the field?
5. What are plant parasites? Name one plant parasites.
6. What are saprophytes? Give example
7. Describe briefly how nutrients are replenished in the soil?

8. What is meant by tooth decay?
 9. What is meant by the term rumination?
 10. How do cows digest grass?
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Holiday Homework

Class VIII

BIOLOGY

1. What is herbarium?
 2. Why do farmers sharpen their implements?
 3. How can excess fertiliser enter the food chain?
 4. What is mixed cultivation?
 5. Curd turns sour more easily in summer?
 6. Draw a concept map of the effect of microorganisms in humans?
 7. Draw a concept map of food preservation?
 8. Explain the terms double stranded DNA, Single Stranded DNA, Double Stranded RNA
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Holiday Homework

Class IX

BIOLOGY

1. What is passive and active transport?
2. Write notes on diffusion.
3. Describe the mechanism of osmosis. Write its importance.
4. Write notes on plasmolysis.
5. Name the parts of a compound microscope in which two different types of lenses are used.

6. How can you calculate the magnification of microscope.
 7. Write difference between compound and electron microscope.
 8. Why should you hold cover slip only from its edge?
 9. What is crenation?
 10. Plasma membrane permeable to water. Explain.
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Holiday Homework

Class X

BIOLOGY

1. What are the raw materials used in photosynthesis?
 2. How does tooth damage by sweets.
 3. Draw the label diagram of human alimentary canal and explain the process of digestion.
 4. What is the importance of bile juice?
 5. Explain the process of blood clotting.
 6. Write two important functions of lymph.
 7. Write adaptations of leaves for photosynthesis.
 8. What is the role of mucus?
 9. What are the sounds of heart beat?
 10. What is meant by osmoregulation?
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Class: - XI

1. How is a key helpful in the identification and classification of an organism?
2. Illustrate and draw taxonomical hierarchy with suitable examples of a plant and animal.
3. Discuss how classification systems have undergone several changes over a period of time?

Class: - XII

- 1. Name the parts of an angiosperm flower in which development of male and female gametophyte take place?**
- 2. What do you mean by monosporic development of female gametophyte?**
- 3. With a neat diagram explain the 7 celled 8 nucleate nature of the female gametophyte.**