

CBSE Class 5 Subject EVS
NCERT Solutions
CHAPTER -8
A TREAT FOR MOSQUITOES

1. Do you know anyone who has had malaria?

Ans. Yes, once one of my friends suffered from malaria.

2. How did they find out that they had malaria.

Ans. It was found out by examining his blood.

3. What problems did they having on malaria?

Ans. At times he used to suffer fever with chills and rigors. He also became weak.

4. What other diseases can be caused by mosquito bites?

Ans. Diseases like dengue, chickengunia, filaria etc. are caused by mosquito bite.

5. In which season is malaria more common? Why do you think this happens?

Ans. Malaria is more common during the rainy season. This is because water logged and damp places provides suitable breeding environment for the mosquitoes.

6. What do you do in your house to protect yourself from mosquitoes? Also find out from your friends about what they do?

Ans. In our house well as my friend's house mosquitoes repellent devices and mosquito nets are used to protect ourselves from mosquitoes. Besides, we remain vigil that there should not be any water logging in our surroundings. We also keep our coolers, pots etc. are clean.

7. Look at the report of the blood test given on text page. Which words in the report

helps us to know that the patient has malaria?



Ans. It is clearly mentioned in the report that malarial parasite has been found in blood sample of the patient.

8.



Look at Aarti's blood report and find out the minimum hemoglobin required.

Ans. Minimum hemoglobin requirement is 12gm/dl.

9. How much did Aarti's hemoglobin go up and how long did it take for that?

Ans. Aarti's hemoglobin increased by 2.5 gm/dl i.e. around 30% in about three months.

10. What does the newspaper report say about the problems caused by anemia?

Ans. Newspaper report tells that anaemia is affecting both physical as well as mental health of the children suffering from it. Due to anaemia, children do not grow well, and their energy

levels are low. This also affects their ability to study properly.

11. Have you or anyone in your family ever needed to get a blood test? When and why?

Ans. Yes. Last year I had got a blood test done. It was because doctors feared that I might suffering from anaemia.

12. What was found out by the blood test?

Ans. It was found that I was suffering from anaemia.

13. Have you had a health check-up in your school? What did the doctor tell you?

Ans. Yes, last month we have had a health check-up in your school. The doctor told me I was healthy.

14. Have you seen any poster like this put up anywhere?

Ans. Yes, such posters are put up near my school.

15. Who do you think puts up such posters, or gives ads in the newspaper?

Ans. The government would have been putting up such posters and giving information in the newspaper.

16. What are the same of the important points given in the poster?

Ans. In the poster it has been warned to remain alert about the mosquitoes because they can spread malaria, dengue and chickengunia. Some precautionary measures are also advised to keep off mosquitoes.

17. Why do you think pictures of a tank, cooler and pots are shown in the poster?

Ans. Because these are the stuff where breeding of mosquitoes can takes place if there are water logged or are not cleaned up regularly.

18. Why do you think it talks about putting fish in the tank. What do you think the fish eats?

Ans. It is told so because fish eat up mosquitoes larvae that have been developing in the water.

19. What will happen when oil is spread on the water?

Ans. When oil is spread on water, the eggs and larvae of mosquitoes growing there would have been killed.

20. Which diseases are spread by flies and how?

Ans. Flies spread dysentery, cholera, typhoid, anthrax etc. Flies are easily attracted by filth. They used to sit on dirty and filthy matters. Again when these sit upon the food, microbes are mixed into the food from there these can enter human body.

21. Since how many days has the water collected here?

Ans. For almost 8-10 days water has been collected there.

22. Has it caused any problem in the area?

Ans. Yes, it is causing many problems. The entire area is turned into a mess and breeding place of mosquitoes and germs.

23. Who is responsible for keeping these places clean?

Ans. Within the school premises, it is the responsibility of school authority while outside the school, the local municipality is responsible for the same.

24. Who is supposed to get the gutters and drains repaired?

Ans. The local municipality is responsible to get the gutters and drains repaired.

25. Can any larvae be seen in the collected water?

Ans. Yes, the larvae of mosquitoes can easily be seen in the collected water.

26. Find out who is responsible for keeping the area around your school clean. Write a letter from your class, reporting your findings suggestions. Find out to whom the letter should be written, and to which office it should be sent.

Ans. The local municipality is responsible for keeping the area around our school clean. So, the letter should be addressed to the Mayor and be sent to the local municipal corporation office.

Letter to the Mayor

To,

The Mayor

Municipal Corporation of Delhi

New Delhi

Subject: Request for better cleanliness around Sarvodaya Vidyalaya, Rohini, Sector-8

Respected Sir,

Through this letter, we the students of Sarvodaya Vidyalaya, Rohini, Sector-8 want to bring into your notice about the fifth and garbage collection around the school. The entire area has been turned into a mess and become a heaven for stray dogs and germs. Last week heavy rains have only aggravated the situation. The drains and pits are water logged and became the breeding ground of mosquitoes.

So, you are requested to look into the matter immediately and order to clean up garbage in the area.

Thanking you,

Your Sincerely,

Student of Class V

Sarvodaya Vidyalaya

Sector-8 Rohini

Delhi

27. If there is a pond or river around your house or school. Go and look around and observe these things:

Can you see algae in or around the water?

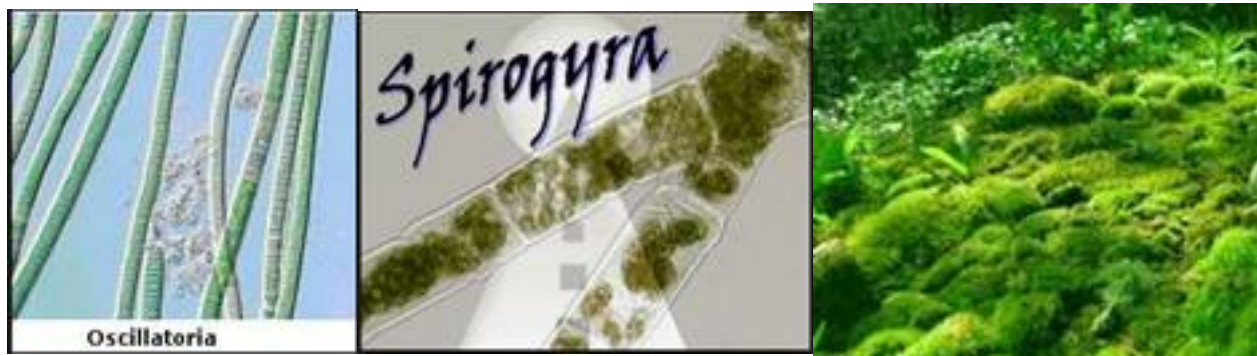
Ans. Yes, I can see algae in or around the water.

28. Where else have you seen algae?

Ans. We saw it near drain, hand pump, on damp walls etc.

29. Are there plant growing on the side or in the water? Find out their names. Draw some of these in your notebook.

Ans. Yes, there are some small plants growing around the side or in the water. These are liver wort, mosses etc.



30. Do you think these were planted by someone or did they grow on their own?

Ans. These grow on their own.

31. What else can you see in the water? Make a list.

Ans. Besides algae, small fishes, frogs, larvae, floating insects and mosquitoes are also seen.

32. What can you do so that mosquitoes do not breed in your house, school and neighbourhood?

Ans. This can be done by-

(i) Not allowing the area around us to get water logged.

(ii) Regularly cleaning the coolers and water tanks.

(iii) Spraying DDT and oil in drains, pits etc.

(iv) Cultivating fishes in nearby ditches, pits, ponds etc.

33. How can you find out if someone has malaria?

Ans. If malarial parasites are found in blood sample of that person, it means he or she has malaria, otherwise not.