

CHAPTER 8

A TREAT FOR MOSQUITOES

1- Multiple Choice Questions (MCQs).

(i) How much blood is needed to test malaria?

(a) 2-3 drops (b) Half a syringe

(c) Full syringe (d) Blood is not required

(ii) From early times which tree bark was used to prepare medicine for malaria?

(a) Teak (b) Kadamb

(c) Coral Tree (d) Cinchona

(iii) How much blood is needed to test for Anaemia?

(a) 2-3 drops (b) Half a syringe

(c) Full syringe (d) Blood is not required

(iv) Anaemia is caused by the deficiency of

(a) Calcium (b) Iron

(c) Vitamin A (d) Vitamin D

(v) In which season is malaria more common?

(a) Summer (b) Winter

(c) Spring (d) Monsoon

(vi) Ronald Ross got the Nobel Prize for

(a) Physics (b) Medicine

(c) Chemistry (d) Literature

(vii) Ronald Ross got the Nobel Prize in the year

(a) 1900 (b) 1902

(c) 1903 (d) 1905

- (viii) What does a mosquito do when it bites us?
- (a) It pinches us
- (b) It bite off a piece of flesh
- (c) It tickles us
- (d) It sucks the blood from our body.
- (ix) Which symptom is shown by a person suffering from Malaria?
- (a) Indigestion (b) Vomiting
- (c) Fever (d) Stomach pain
- (x) Which one of the following disease is spread by a housefly?
- (a) Malaria (b) Dengue
- (c) Dysentery (d) Chickengunya
- (xi) Which one of the following is a symptom of dysentery?
- (a) Indigestion (b) Loose motion
- (c) Vomiting (d) All of these

2- Write 'T' for True and 'F' for False statements.

- (i) Malaria is spread only by one kind of mosquito.
- (ii) Blood for testing malaria is taken from the place where a mosquito has bitten.
- (iii) Children suffering from anaemia do not grow well and their energy levels are low.
- (iv) In municipal corporation schools, health check-ups are done and health cards are made for children.
- (v) Mosquitoes breed in stagnant water.
- (vi) Mosquitoes lay eggs in water only.
- (vii) Fish eat the mosquito larvae present in water
- (viii) Flies also bite like mosquitoes.
- (ix) The word 'Malaria' means bad air.

3- Fill in the blanks with appropriate words given in the box.

Ronald Ross, Beaumont, algae, fungus, flu, dengue fever, malaria, chikungunya, catterpillars, Anopheles, larvae, flies, Nobel Prize, blood test, cinchona, Anaemia

- (i) Malaria is spread by female mosquitoes known as
- (ii) Mosquitoes spread diseases like and
- (iii) The green growth around the stagnant water is made up of
- (iv) Apart from mosquitoes, also spread many diseases.
- (v) Dr found that mosquitoes spread malaria.
- (vi) A helps to diagnose malaria.
- (vii) The bark of tree is used to make medicine for malaria.
- (viii) Ronald Ross got the highest award the for his discovery.
- (ix) is caused due to less haemoglobin in the blood.

4- Circle the food items rich in iron.

Curd	Cauliflower	Jaggery	Potato
Amla	Banana	Spinach	Curry leaves
French beans	Apple	Milk	

5- Give the reason.

- (i) It is advised not to eat cut or uncovered food items.

- (ii) We should put kerosene oil in fountains, water cooler, etc (where there is stagnant water).

6- Answer the following questions.

(i) What is Anaemia?

(ii) What kind of diet is suggested for a patient of Anaemia?

(iii) What is given in municipal schools to anaemic children?

7- Observe the given picture and answer the following questions.



Pic. (A)




Pic. (B)

(i) Which test is being done in the pic. (A) ?

(ii) Name the instrument that the doctor is using in pic. (B) ?

(iii) How can doctors find out that a person has malaria?

8- Look at Aarti's blood report and answer the following questions.

क्लीनिकल विकृति रिपोर्ट	
CLINICAL PATHOLOGY REPORT	
केंद्रीय सरकार स्वास्थ्य योजना	
Central Govt. Health Scheme	
20/06/2007	
नाम/Name.....	Aarti आयु/Age.....12 स्त्री या पुरुष/Sex.....Female
रोग की पहचान/Diagnosis.....	Anaemia (अनीमिया)
Normal Range (नॉर्मल रेंज)	
Haemoglobin ...8... gm/dl (हीमोग्लोबिन)	12 to 16gm/dl
 Pathologist	

(i) How old is Aarti and what is the minimum amount of haemoglobin required in her body?

(ii) What do the blood report tell us about Aarti?

(iii) What are the effects of anaemia found in children?

9- Observe the picture and answer the following questions.



(i) Identify the great scientist in the picture.

(ii) What contribution has he made in the field of science?

(iii) Write a few lines about his research.

10- List some activities in and around your house which you can perform to prevent the diseases like Malaria, Dengue and Chikunguniya.

11- What is larvae? What do they look like and how do they spread diseases?

12- Why people are advised to clear the stagnant water immediately?

13- During which season is malaria more common? Why?

14- How do housefly spread diseases? How it can be prevented?

15- What are algae? Where and when are they commonly seen?

16- Look at the various preventive measures shown in the pictures and write 2-3 lines on each. Also give some other preventive measures against mosquito bites.



17- Look in your surroundings and find out how flies cause diseases even though they do not bite us.

18- Tick (✓) the correct answer.

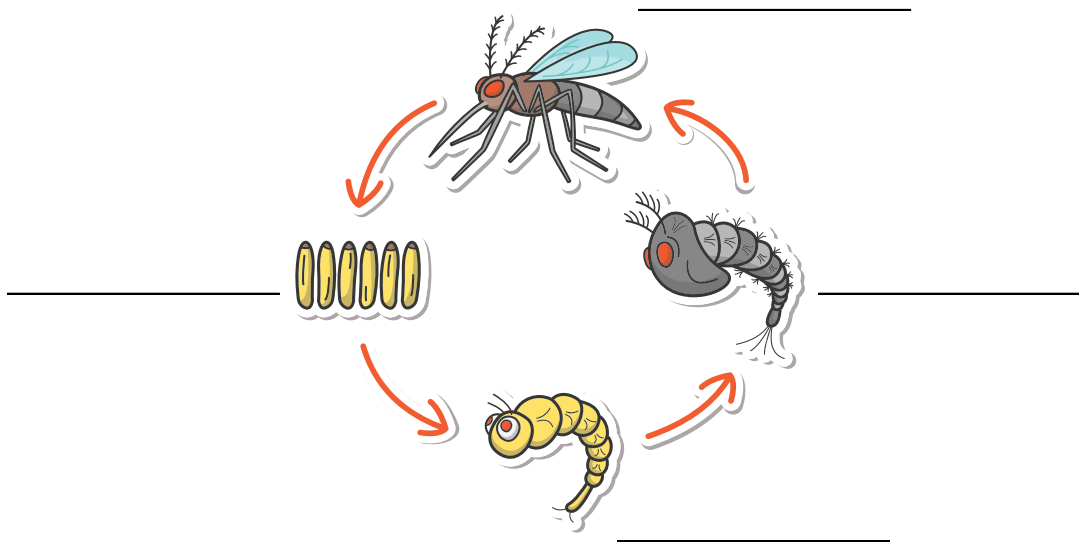
(i) During which season malaria is more likely to spread?



(ii) Where do you think the mosquito breed?



19- Name the different stages of life cycle of a mosquito.



20- Name the following:

(i) Three diseases spread by a housefly.

.....

(ii) Three diseases spread by a mosquito.

.....

21- Look at the picture and answer the following :



(i) Name the bark of the tree as given in the above picture.

(ii) What are the uses of the bark as shown in the fig.?

(iii) How did the people in the earlier times get cured from malaria?

22- Look at the given reports and answer the following questions:

क्लिनिकल विकृति रिपोर्ट CLINICAL PATHOLOGY REPORT केंद्रीय सरकार स्वास्थ्य योजना Central Govt. Health Scheme	
18/08/2007	
नाम/Name.....	Rajat आयु/Age..... 11 स्त्री या पुरुष/Sex..... Male
रोग की पहचान/Diagnosis.....	Fever with Chills and Rigors (ठंड लगकर कंपकंपी के साथ बुखार)
Malarial Parasite Found in Blood Sample (खून में मलेरिया के जीवाणु पाए गए)	
 Pathologist	

(i) Whose report is shown above?

(ii) What has been diagnosed in the report?

(iii) What symptoms does a person suffering from malaria show?

(iv) Which parasite was found in the blood sample of the patient?

- 23- In your group, make a poster with a message to keep the cooler, tank, drains and the area clean (wherever water collects). Put up your poster in and around your school.