



1.

Analyse the statements related to the spread of AIDS and classify them suitably.

- Through mosquitoes & houseflies.
- Through body fluids.
- Through extramarital sexual contact.
- By touch, shaking hands, coughing etc.
- From HIV infected mother to foetus.
- When you sit near an HIV infected friend in the school.

Situations where HIV spreads	Situations where HIV does not spread
•	•
•	•
•	•

2.

An interview with the doctor of the Primary Health Centre regarding tuberculosis, organised by the Health Club is given below. What is your explanation for the questions asked by the children?

- Which bacteria causes this disease.
- Write two symptoms of this disease.
- Name the vaccine used to prevent tuberculosis.

3.

Anjana gets wounded on her foot while playing with her friends. Due to continuous bleeding, her parents take her to the hospital. The doctor's diagnosis after thorough investigation, is given below.

"This has happened as the blood is not clotting. This is a genetic disease."

- What is Anjana's disease?
- How can temporary relief be brought about for the disease?

4.

You are invited to prepare a presentation slide for the Cancer awareness class, conducted by the Health Club. What explanation will you give to the ideas given below?

- 1) The disease cancer.
- 2) Reasons for cancer.
- 3) Treatment for cancer.

5.

An early diagnosis of the disease is crucial in the treatment of cancer. Why?

6.

You are invited to prepare a presentation slide for the Cancer awareness class, conducted by the Health Club. What explanation will you give to the ideas given below?

- 1) The disease cancer.
- 2) Reasons for cancer.
- 3) Treatment for cancer.

7.

The symptoms of a communicable disease are given below.

Loss of body weight, fatigue, persistent cough

- (a) Name the disease?
- (b) Identify the pathogen?
- (c) How this disease is transmitted?

8.

Identify the diseases given and complete the table giving the causative organism and the symptoms of diseases.

Disease	Pathogen	Symptom
AIDS		
Tuberculosis		
Malaria		

9.

Identify the mode of spread of the following diseases and list suitable preventive measures.

1. **AIDS**
2. **Diphtheria**
3. **Malaria**

10.

Chemotherapy and radiation therapy are used in the treatment of which disease?

What are the factors which lead to this disease?

11.

Write four concepts which can be included in the poster prepared by the school health club as part of tuberculosis awareness program.

12.

News report

School authorities refused the stay of HIV infected student in school hostel, as the disease may get transmitted to other students.

- a) What is your response as a science student to this news report ?
 b) What kind of approach is needed towards HIV positive individuals?

13.

A micro organism reduces the immunity of the body by reducing the number of lymphocytes

- a) Which microbe is this ?
 b) Name the disease caused by this microbe.
 c) What are the different means of transmission of this disease ?

14.

.Complete the table

diseases	Caused by	spreads through	symptoms
Tuberculosis	A C	Through air	B D
Malaria	C E	Through mosquito	D F

15.

The pathogen enters the body and multiplies its number by utilising the genetic mechanism of the lymphocytes.

- a) Which microbe is mentioned here ?
 b) Name a disease caused by this pathogen ?
 c) write four modes of transmission of this disease..

16.

Haemophilia is an incurable disease. Why?

17.

Why do Haemophilia patients loose blood excessively through minor wounds ?

18.

Find the word pair relationship and fill in the blanks appropriately.

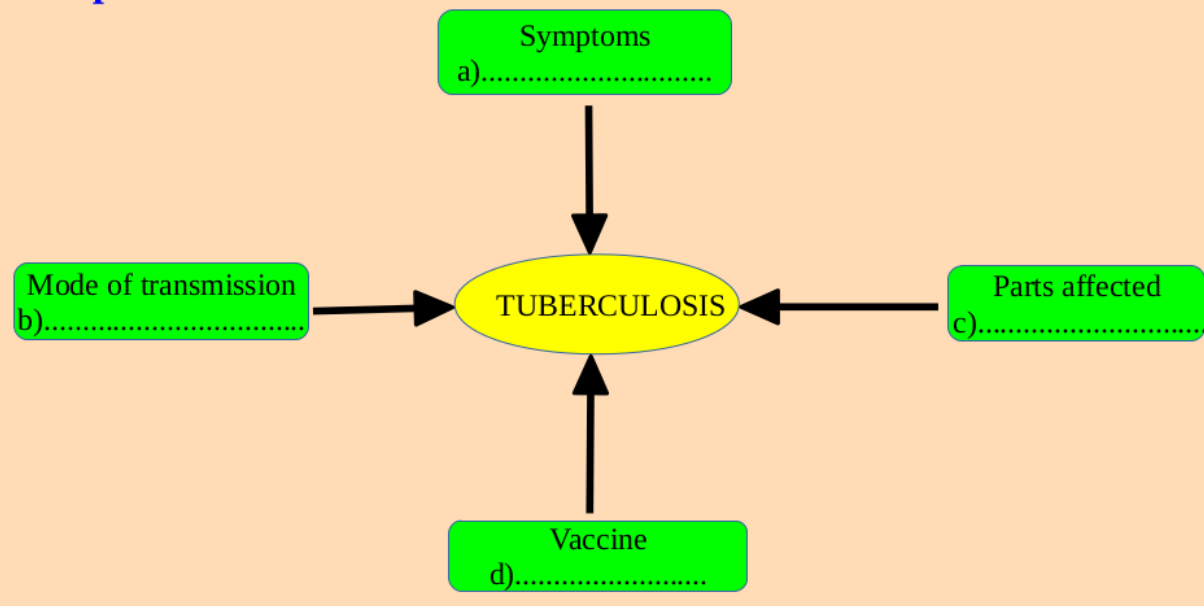
Tuberculosis:Bacteria

AIDS :-----

19.

Prepare a short note about Haemophilia

20.

Complete the word web related to Tuberculosis

21.

Identify the figure and answer the following.

- Name this micro organism.
- Name the disease caused by this.
- Which type of defence cells are affected by this pathogen?



22.

	<p>This microbe disrupts the immunity power of the body. No need to worry.... Let's live carefully.</p>
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Shown above is one of the presentation slides prepared by Pradeep, as part of the International year of Microbes.

- Which is the microbe mentioned in the slide?
- Which disease is caused by this microbe?
- How does this affect the immunity of the body?