



Inter Bell – a DIET and SSK Palakkad Initiative Student support Material

BIOLOGY

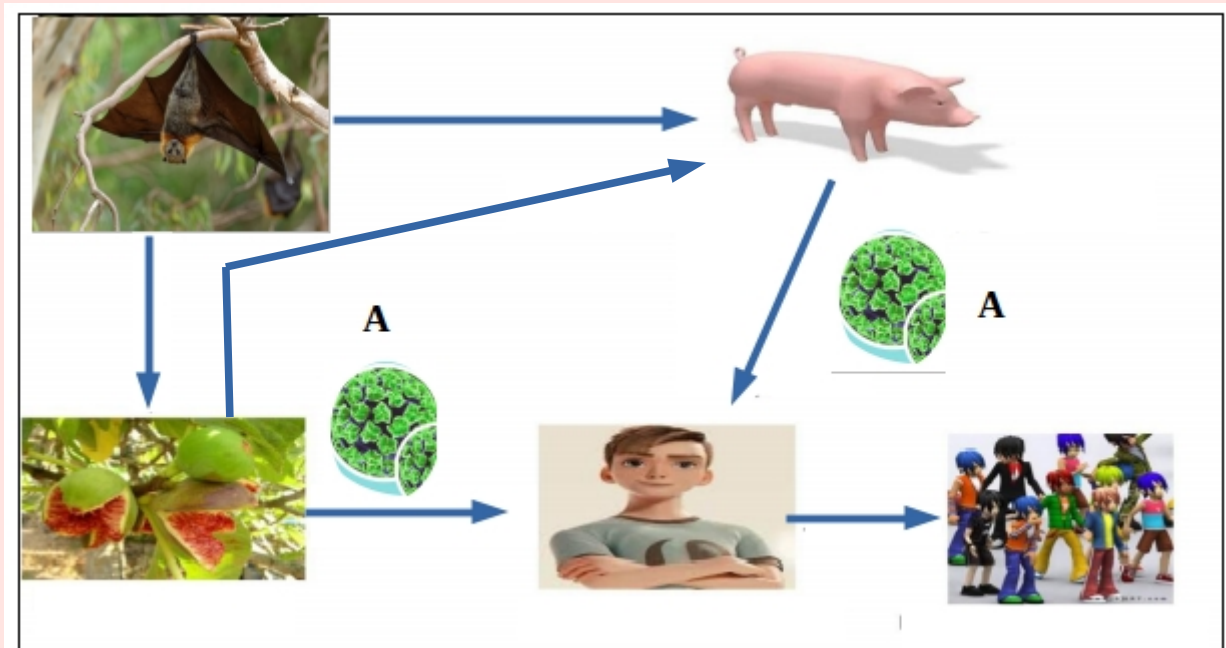
STD 10

Victers Digital Class
Part No. 26

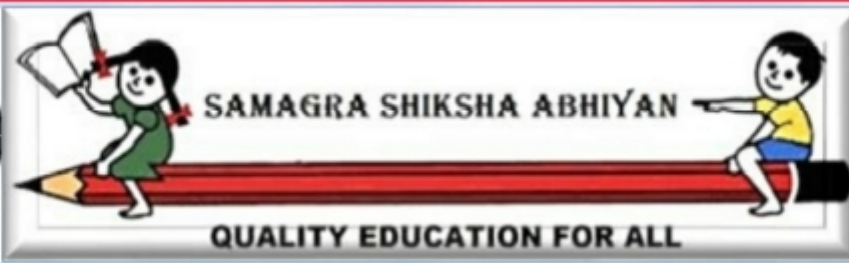
4 Keeping Diseases Away



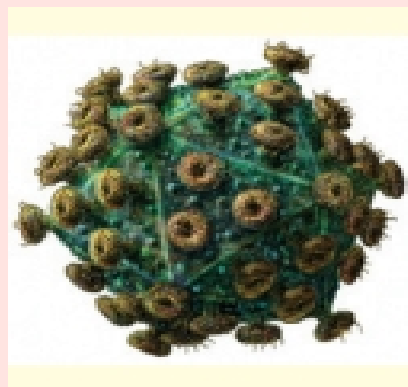
1. Observe the illustration and answer the following questions.



- Name the disease having this mode of transmission.
- Identify 'A' in the illustration.
- Name the natural vector of this disease.
- List the circumstances through which the pathogen reach human beings.

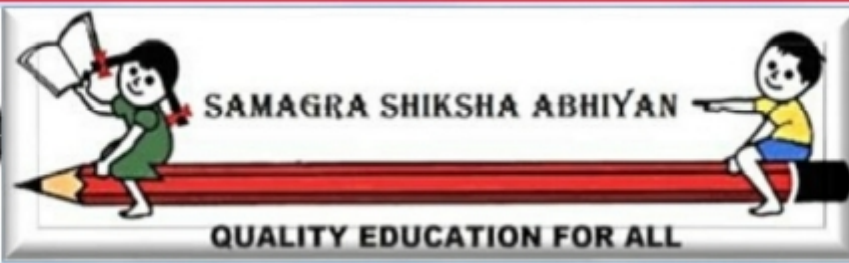


2. Identify the figure and answer the following.



- Name this micro organism.
- Name the disease caused by this.
- Which type of defence cells are affected by this pathogen?
- List out the circumstances responsible for the spread of this disease from the following table.

1. mosquito bites
2. reception of blood and organs contaminated with HIV
3. sharing needles and syringes
4. touch or shaking hands
5. from HIV infected mother to the foetus
6. taking bath in the same pond.
7. sexual contact with HIV infected person
8. using the same toilets



3. Case sheet of a patient is given below.

- * Inflammation of liver
- * yellow colour in mucous membrane, white portion of the eyes and nails

- a) Identify the disease affected this person.
- b) Name the pathogen responsible for the disease.
- c) Give reason for the yellow colour in mucous membrane, white portion of the eyes and nails

4. Read the news report and answer the questions.

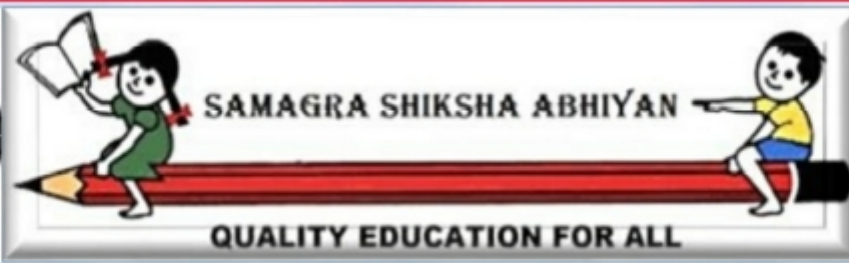
News Report

Wayanad: On fear of AIDS transmission, the school authority denied admission for two students affected with AIDS to the school hostel.

- a) Do you agree with the action of the school authority?
- b) As a science student, express your comment on this incident.

5. Find the odd one and write down the common character of others.

Dengue fever, Leptospirosis, AIDS, Hepatitis



6. Analyse the information given in the box and answer the given questions.

- a) These are having simple structure.**
- b) A DNA/RNA molecule is found covered with a protein coat.**
- c) Normal cell organelles are not found.**
- d) Multiply by using the genetic material of the host cells.**

a) Name the microorganisms mentioned here.

b) Give examples for diseases in human beings caused by them.

Click the link for watching the Victors Digital Biology Class No. 26:

https://www.youtube.com/watch?v=Dy_QDI0u9bI