

12/10/2020
MONDAY

BIOLOGY

STD-X
class-25

NOTES

Other bacterial diseases

1) Diphtheria

- Which is the causative organism of Diphtheria?

Ans) *Corynebacterium diphtheriae*

- What are the symptoms?

Ans) Fever, throat pain and inflammation in the lymph glands of the throat. As the disease becomes severe an ash coloured thick coating is formed in the throat.

- What is the treatment?

Ans) Use of antitoxins.

- Why is it said that prevention is better than treatment in the case of diphtheria?

Ans) Diphtheria is a fatal disease. When the disease becomes severe the treatment is not effective. Hence prevention is better than treatment.

2) Tuberculosis

- What is the causative organism?

Ans) *Mycobacterium tuberculosis*

- What are the major symptoms?

Ans) Loss of body weight, fatigue and persistent cough.

- How is the transmission of disease?

Ans) When the patient speaks, coughs or sneezes, the pathogens spread into the air and thereby to others.

- Which body parts are affected?

Ans) Almost all parts of the body like lungs, bones, joints and brain.

- Which is the vaccine for tuberculosis?

Ans) BCG

3) Viral diseases

- Natural vector of Nipah virus.

Ans) Fruit eating bats.

- Situations that enable the virus to enter humans:

Ans) Virus enters human through different means. Directly from bats through its saliva and urine, through remains of fruit eaten by bats, through pig which eat the remains of fruit eaten by bats, from patient to healthy person through air.