

Human Diseases

Diseases caused by Protozoa :

Note : AIDS – Acquired Immuno Deficiency Syndrome.

Elisa Test : Test of HIV Virus (AIDS)

Diseases caused by Protozoa :

(i) Diarrhoea : The reason of this disease is the presence of internal protozoa namely *Entamoeba histolytica* which is spread through house flies. It causes wounds in the intestine. Protein digesting enzyme, trypsin is destroyed in this. This disease is mostly found in children. Disease caused by helminthes.

(ii) Filaria : This disease is caused by *Wuchereria bancrofti*. This worm is circulated by the stings of culex mosquitoes. This disease causes swelling in legs, testes and other parts of the body. This disease is also known as Elephantiasis.

Diseases caused by Fungus

(i) Asthma : The spores of the fungi, namely *Aspergillus fumigatus* reaches the lungs of the human and constitutes a nodule like formation, thus, obstructs the function of lungs. This is an infection disease.

(ii) Athlete's foot : This disease is caused by the fungi namely *Tinea Pedis*. This is an infectious disease of skin which spreads mainly due to the cracking of feet.

(iii) Scabies : This disease is caused by the fungi namely *Acarus scabies*. In this disease the skin itches and white spots found on the skin.

(iv) Baldness : This is caused by the fungi namely *Taenia capitis*. Due to this hair of the head falls.

(v) Ringworm : This disease spreads through the fungi namely *Trichophyton* *terraceum*. This is an infectious disease. Round red spot found on the skin.

Some Other Diseases

1. Paralysis or Hemiplegia : In this disease within a few minutes half of the body is paralyzed. The nerves of the paralyzed part become inactive.

The reason of this disease is due to high blood pressure bursting of any nerve of brain or insufficient supply of blood to brain.

2. Allergy : Some substance like sand, smoke, chemical, clothes, cold are dangerous to some persons and there are reactions in their body, which causes various diseases. Itching, pimples, swelling in body, black spot, eczema etc. are the examples of allergy.

3. Schizophrenia : This is a mental disease which usually found in youth. The patient considers the imagination as a truth, not to the facts. These patients are lazy, emotionless etc. Electropathy is helpful in this disease.

4. Epilepsy : This disease is caused by the internal disturbance of brain. In this disease, foam coming out of the mouth and the patient falls down unconscious.

5. Diplopia : This disease is caused by the paralysis of muscles of the eyes, in which double image is formed.

6. Bronchitis : It is caused by the inflammation of tubes leading from the wind pipe to lungs.

7. Colds : This is highly infectious disease and is caused by a virus which result in bad throat, headache and watery nose.

8. Colic : Severe pain in the abdomen caused by spasm of the internal organs usually the intestines.

9. Delirium : It is a serious mental disturbance occurring under the influence of poisonous drugs.

10. Hydrophobia : A disease caused by bite of a mad dog.

11. Hypermetropia (long sightedness) : One can see the object of longer distance but not the object of nearer one. It can be corrected by convex lens.

12. Myopia (short sightedness) : In this disease person can see the object of nearer distance but can not see the object of longer distance. It is corrected by using concave lenses.

13. Leukaemia : There is a great increase in the number of white blood corpuscles in system. Swelling of spleen takes place. Death occur within few days.

14. Migrain : An allergic disease in which there is a periodic attack of headache takes place. It is an incurable disease.

15. Obesity : Excessive fatness is called obesity.

16. Piles : There are a various vein in the rectum. Due to extra pressure on vein it prevent the free flow of blood creating problem. It is caused due to constipation.

17. Rheumatism : The symptom of this disease is fever with joints pain.

Other Disease

Atherosclerosis : Deposition of cholesterol particles in the lumen of arteries which prevent the flow of blood is called atherosclerosis.

Arteriosclerosis : Due to deposition of cholesterol and calcium salt arteries became stiff and rigid. It loses the property of elasticity due to which wall of arteries may rupture.

Uremia : Presence of excess of urea in blood is called uremia, This is caused by malfunctioning of kidney.

Glycosuria : Presence of excess of glucose in urine is known as glycosuria.

Arthritis : It is disease which inflammation of joints takes place.

Osteoporosis : It is an age dependent disorder of bone in which low bone mass and increased fragility takes place.

Hyperglycemia : It is disorder in which the concentration of glucose in the blood is high.

Hypoglycemia : It is a condition in which the concentration of glucose in the blood is very low.

Pneumonia : Acute inflammation of alveoli of lung.

Emphysema : It is the abnormal distension of alveoli which result in the loss of elasticity. Cigarette smoke and chronic bronchitis are two main causes.