HUMAN HEALTH HNO DISEASE ..

Father of Medicine -> Hippocrates.
Hippocrates and Indian Ayurveda Good Humowe Hypothesis

Blackbile -> Hot personality -> Fever.

Dissaproved by William Harry (Blood Circulation)

Mind, Mental state - affects Health

Health is affected by -> Genetic Disorders Infections Lifestyle

Health -> State of complete physical, mental and social well-being.

Disease - Functioning of organs/ system of body adversely affected,

Pathogen - An injections agent. (Can be Battrua, Virus, protozoa, jungi)... Most parasities.

Disease

Infections Non-Infections Spread to others, Do not spread

by Various means.

Genetic Caused by pathogens Immune System disorder Contagious Contagions Lipestyle.

Bacterial Fungal Helminthic Viral Protozoan

Bacterial Diseases

(pathogenic batterium) - Enters small intestine through contaminated food and water.

(feco-Oral route)

· High fever (39°. 40°C)

· Weakness, Stomach pain, Constipation headache, loss of apetit.

Severe Cases - Intestinal perforation (

· WIDAL TEST (for confurnation)

· Mary Mallon (Typhold Mary)

Cholera → Vibrio Cholera

• Contaminated food and Water

(feco-oral route)

· Diawhoea, Vomiting (ruce type)

3) Preumonia - Deoplet Injection Streptococcus Pneumonia,

· Haemophilus influenza e

· fluid filled alveoli.

affect lower respiratory tract, severe publism in respiration

· Fever, Chills, Cough, Headache.

·Severe Cases - Lips and fingernall grey to bluish.

4) Bubonic Plague (Black Death)-

· Yersenia pestis

· Carrier - Xenopsella (nat plea)

· High fuer, Headache.

· axillary lymph node enlarges

· Red spot → Black.

(5) Tuberculosis (Koch's Disease) (2) Chickengunia → Chikungunia · Mycobacterium tuberculosis. Wector-female ades ageptis · fuve, cough, sputum with blood. (Fever, Joint pain, Swallon Lymph · BCG Vaccine. 3) Dengue - Flavi-arbo Virus 6 Leprosy (Hansen's disease). Wector-female ades ageptis. · Myobacterium leprae • Light colour patches on skin, thickening Fever, Headache, pain behind eyes of nexter, loss of sensation.

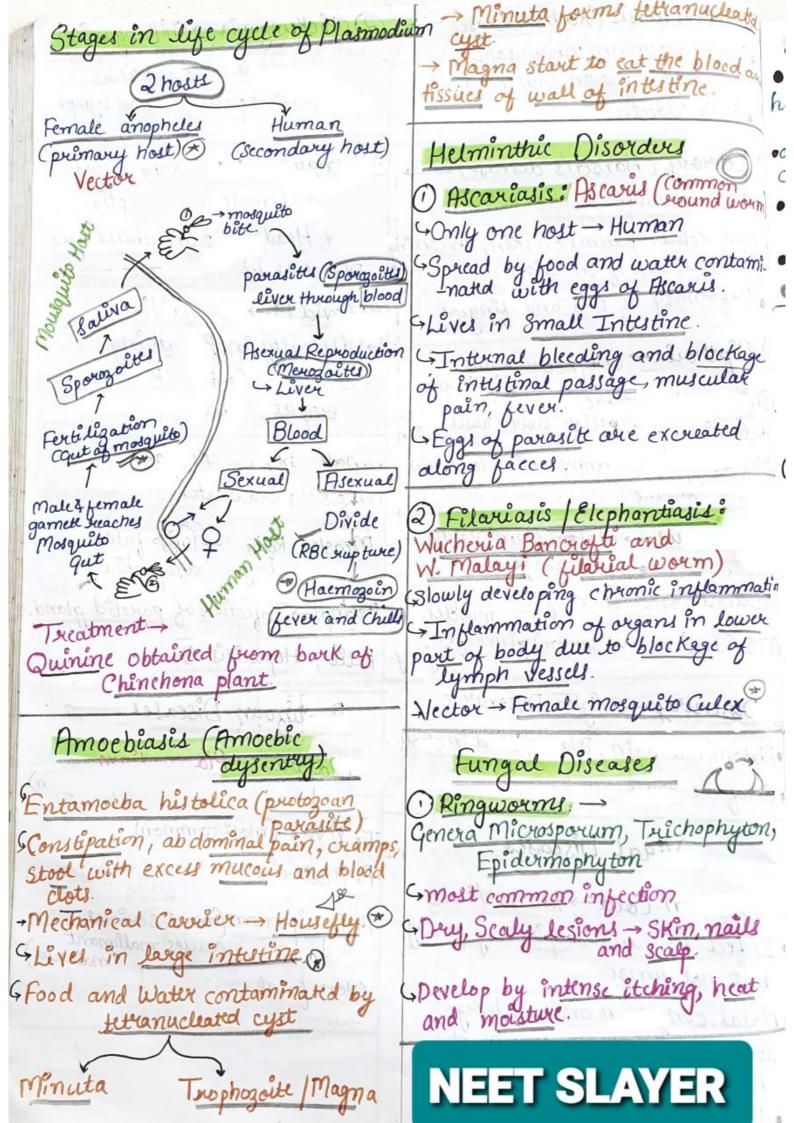
• Deformity of toes and fingers

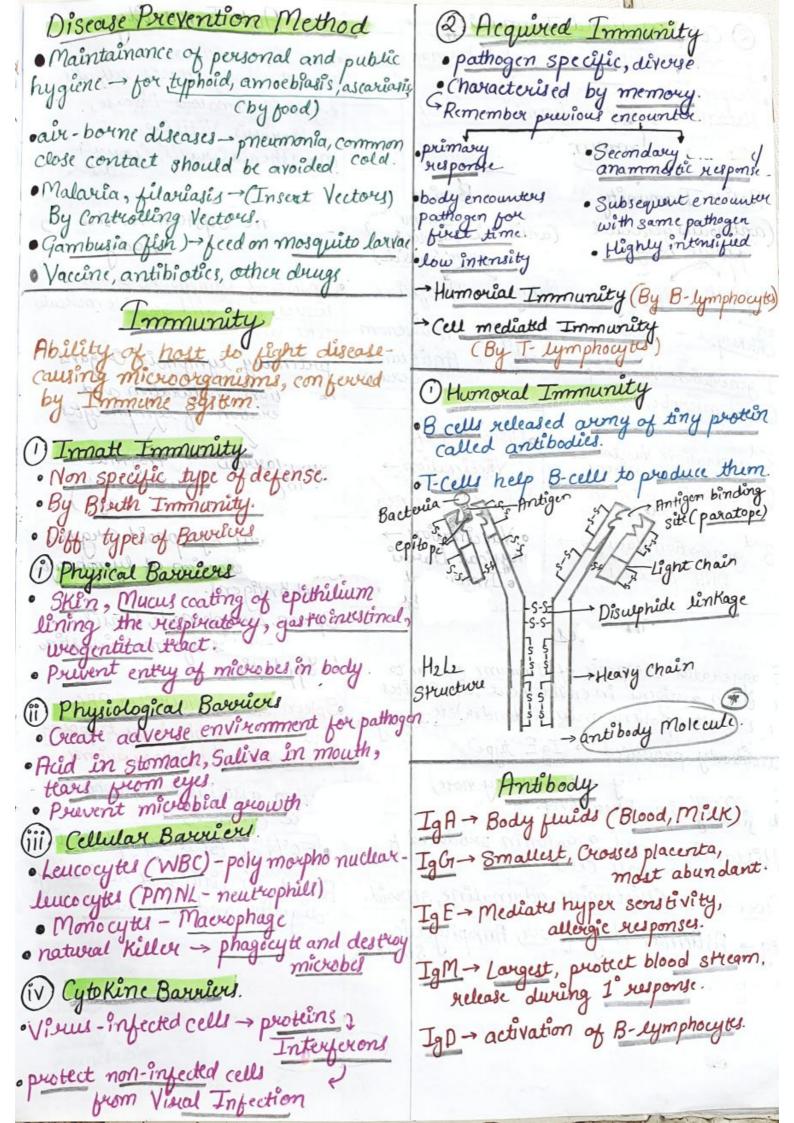
• Deformity of toes and fingers

• Ovid 19→ Corona Virus Difficulty in Breathing (7) Dip thoua - Course bactorium dip thoua 4 SSRNA, & RtPCR 4 Duoplet Infection • High fewer, Cause sufficiation

• Grey membrane inside throat

• DPT Vaccine. Small pox, Chickenpox. completely eradicated. (B) Tetanus -> Clostridium tetani (Lock Jaw) Often fatal Measles, Rabies - 100% fatal
Dog, Hydrophobia Sustained contraction of voluntary muscles. Mumps -> Injection of paretid gland. ·ATS (anti tetanus serum) given after Polio, Hepatitis-B 9 Dysentery - Shiglea Dysentrae Protozoan Diseases · Abdominal pain, Mucus/Blood in stool. ① Malaria → Plasmodiam
(tiny protozoan) · Orofecal route. P. Vivax (most common) Viral Diseases .P. Malaria (1) Common Cold -> Rhino Vieus P. Falciparum (most serious, causes malignant malaria) · Inject nose and respiratory passage but not lungs even fatal. · Nosal conquetion and discharge, sore throat, horseness, cough, head ache, tiredness etc. NEET SLAYER · Droplet Infection (3-7 days)





(2) Cell Mediated Immunity Cytotoxic T-cells kill injected human cells Responsible for Graft Rejection. Recognition blw self and non-self. Immunity Passive Active Immunity. (antibodie sapplied grom outside) (antibodies generated inside body). Natural Artificial Natural Artificial TopA Antitetanus Serum Chickenpox Vaccines 1º generation Vaccine-(Dead miviobe, DPT, BCCI) Bacteria · Discovery of 2nd generation Vaccine -Vaccination → (Hepatatis B vaccine in Yeast) VRILLE Edward Jenner Vacunation → 3rd generation Vaccines physical Barriers DNA Vaccines · Immunisation → Results Hlergies Exaggerated response of Immune system to certain antigens in environment like (mites ich dust, pollens, animal dander etc allergens ·antibody produced → Tg E type · Sneezing, watery eyes, runny nose, difficulty in breathing. · Histamine and Sevetonin produced from · Cure - antihistamine, adrenaline, steroid.

eg → Asthma, Hay fever, Amaphyletic

Due to genetic or unknown reasons, body attacks self cells e.g. → Rheumo toid Discase, Psoriasis, Vitiligo, Myasthenia Gravis, Graveli disease

Immune System in the

Consists of lymphoid organs, tissues, cells and soluble molecula like antibodies.

primary lymphoid Organs formation, maturation and pushiperation of lymphocytes

Bone Marviow Thymus With yellius with age

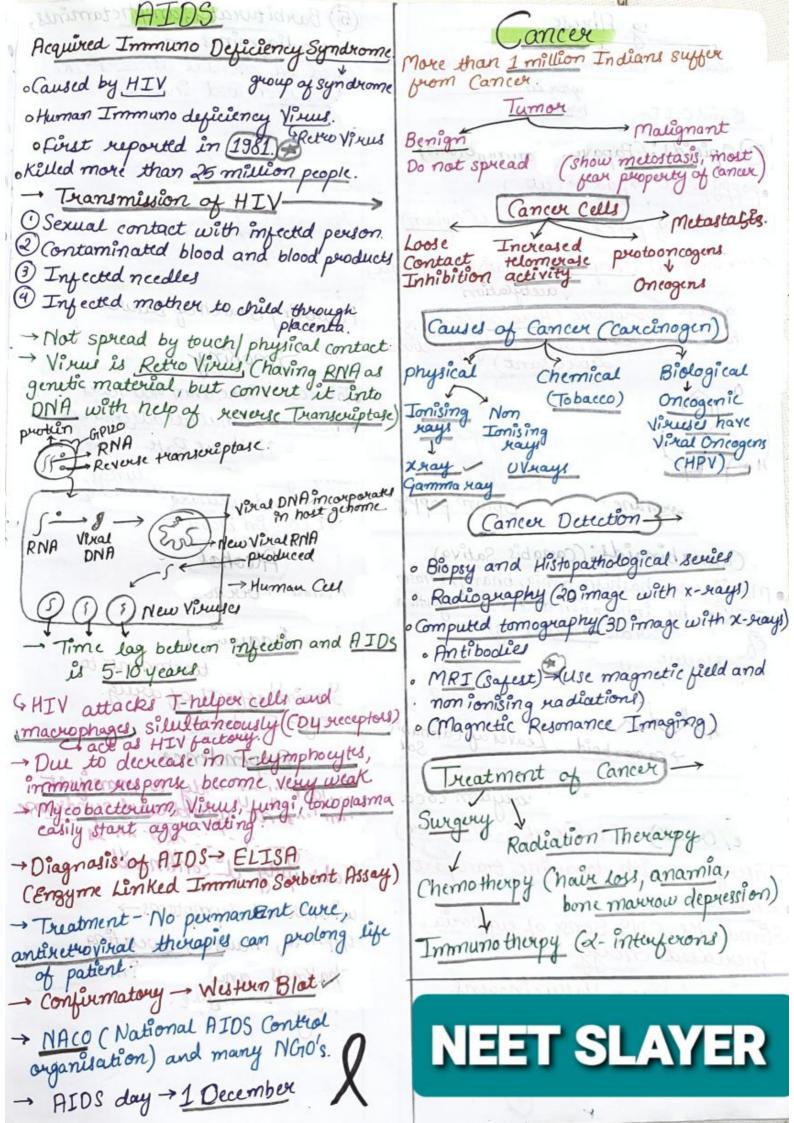
Secondary lymphoid Organs Site of intexaction of lymphocyte and antigens.

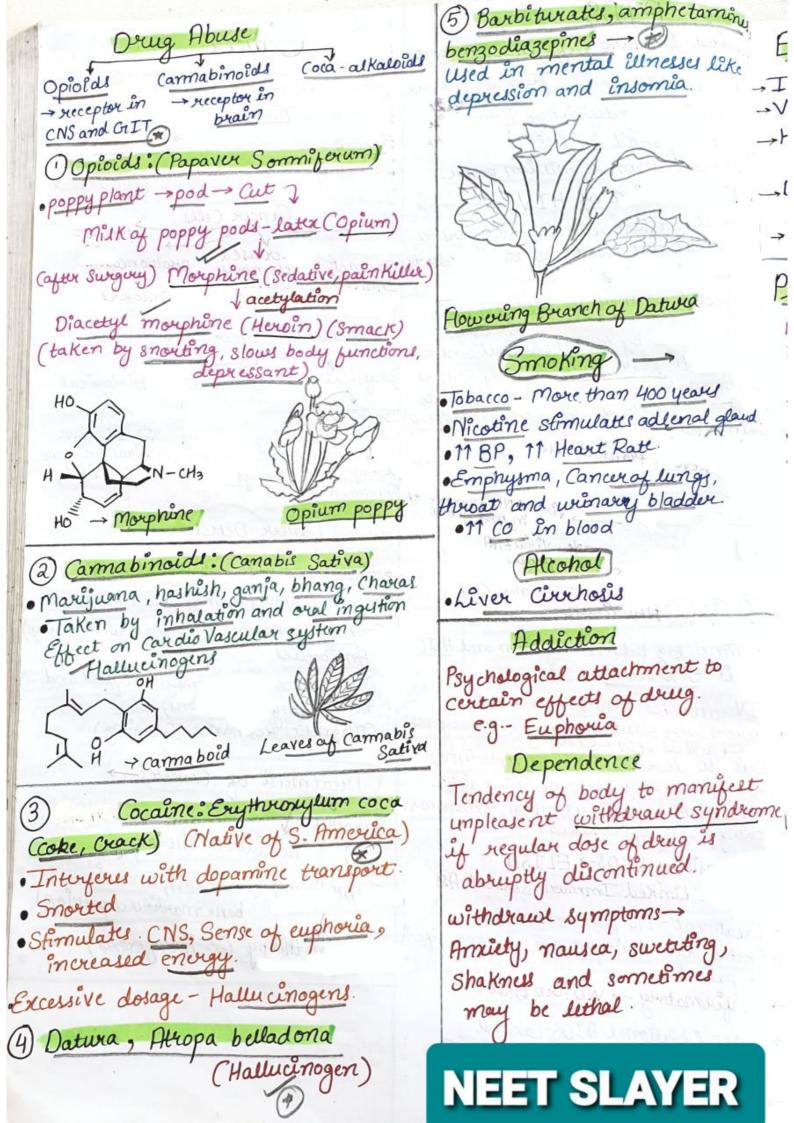
Spleen, Lymph node, tonsil, peyer patches of small intesting appendix

Spleen is reservoir for RBC and filter of blood by trapping blood bounce microorganisms

Mucosa associated tymphoid tissue (MALT)

•50% of total lymphoid tust found in lining of respiratory digestive and unegenital track



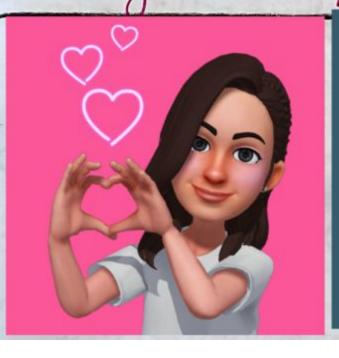


Effects of Alcohol Drug Abuse.

- Timmediate effect Vandalism, Violence and reckless behaviour.
- High rusk of diseases. e.g. AIDS and hepatitus-B.
- Damage to nervous system and liver coundis.
- -> Cama and Death-prolonged use.

Preventing Alcohol Drug Abuse

- -Avoid peer pressure.
- Folucation and Counselling.
- Help from parents and pecer.
- > Identifying danger signals
- Seeking medical help.





NEET SLAYER

