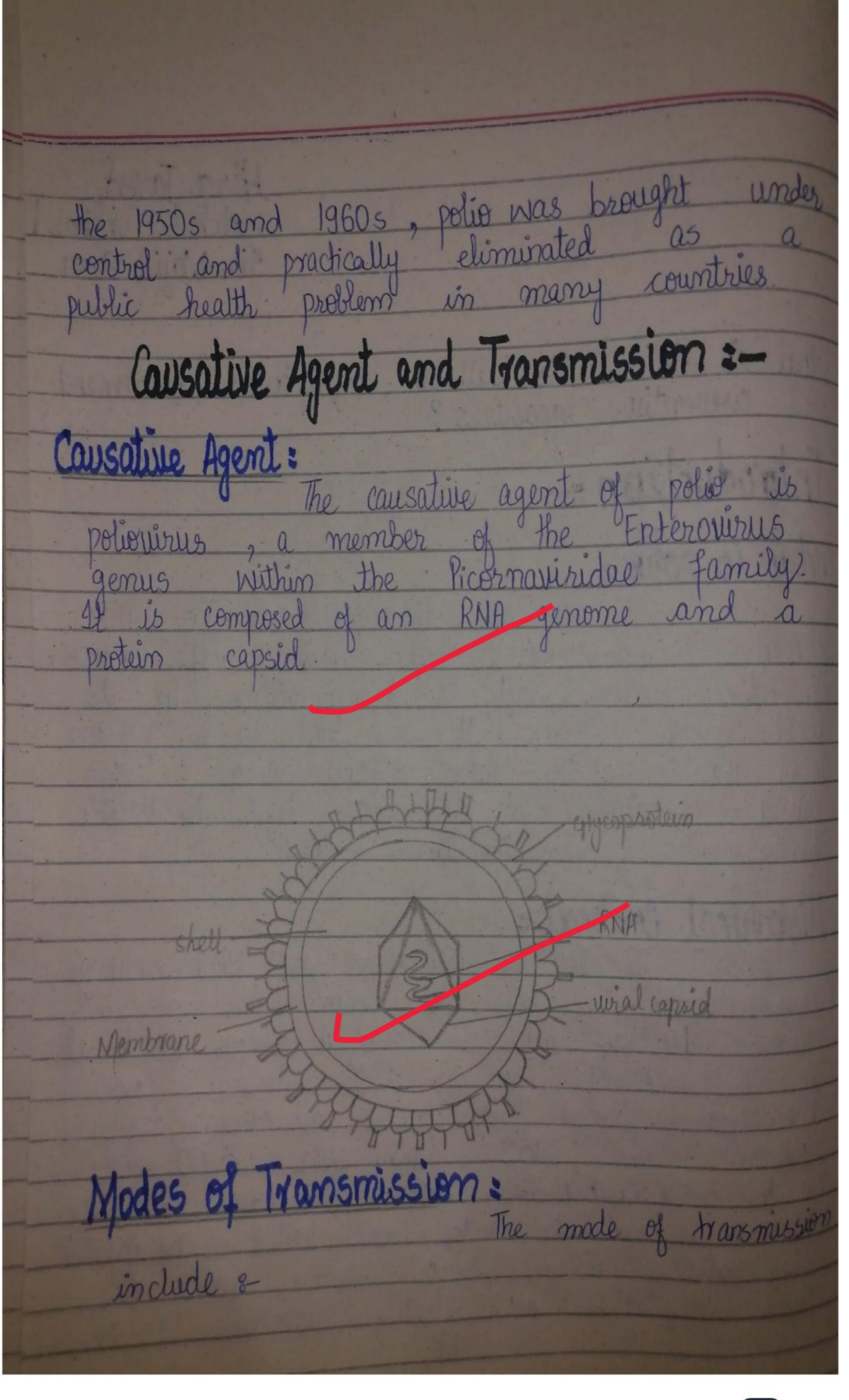
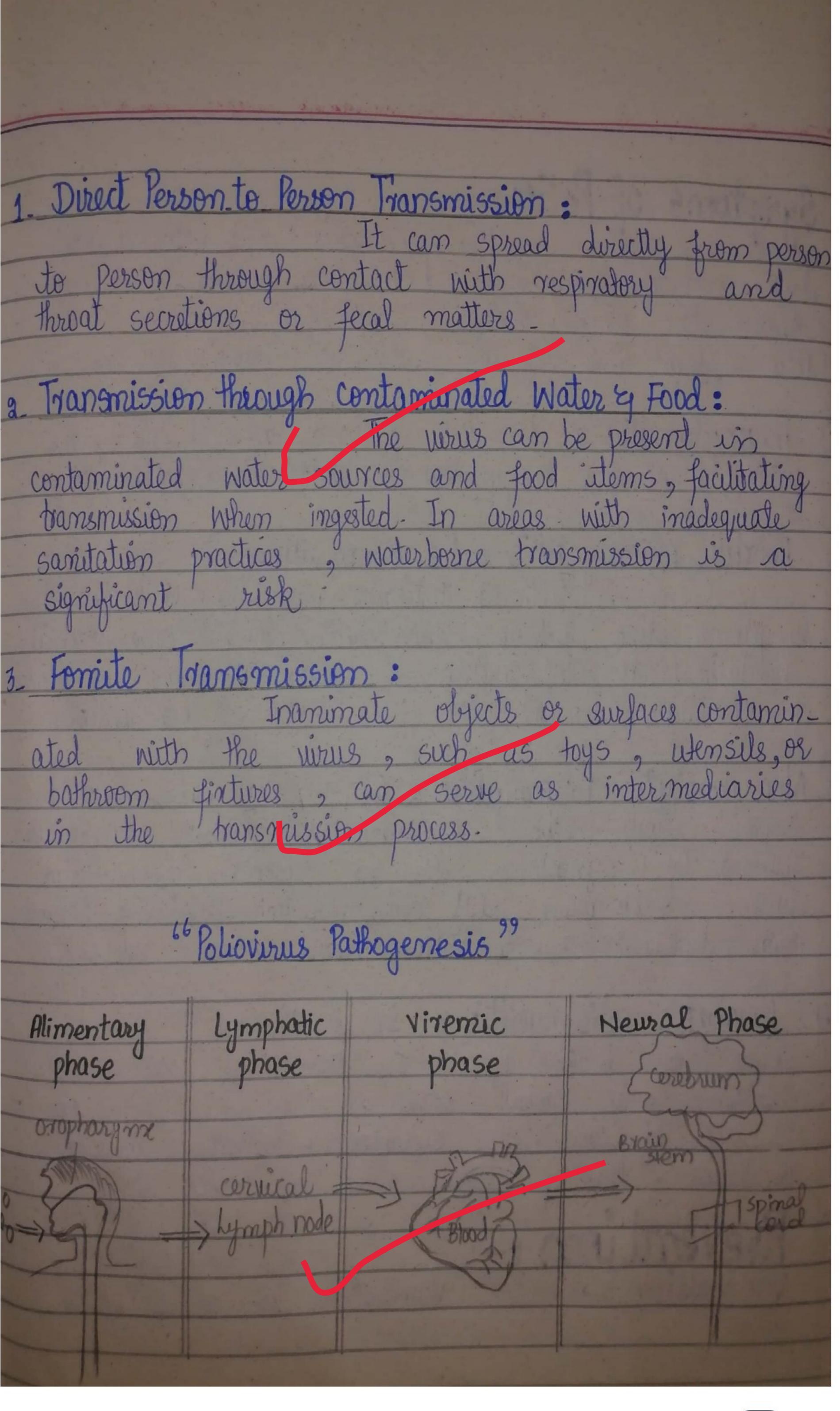
Hira Javed Batch 60 [online] Sir Majid Raza Q What is Polio? Its causes, symptoms, treatment and preventive measures? Introduction:-What is polio : Polio or poliomyelitis is an illness Caused Wrus in the spinal cord or brain stem. most severe form, It can read Person being unable to move certain limbs also called paralysis. It can also lead to trouble land sometimes death. breathing 20th century, saw polio become the most disease in the world. A major outbreak Feared the New York City in 1916 Killed over and











Symptoms of Polies- Reple infected with polio virus have varying symptoms but can spread the disease to others while a symptomatic. Polio systems are of the following four groups.
1- Asymptomatic: 70-90% of those infected with the police wirus are asymptomatic but can infect others.
Abortive Poliomyelitis: [a minor illness] Symptoms like fatigue, low grade fever, sore throat, headache, loss of apetite, & gastrointestinal symptoms of veniting, abdominal pain, diarrhea or constipation.
3. Non paralytic Poliomyelius : In 1% of cases, which begins with the symptoms of abortive poliomyelitis followed by symptoms due to asentic meningitis with neck poin, stiff neck, severe headache, muscle pain, decreased muscle reflexes and muscle weakness.
4. Paralytic poliomyelitis: It is the most disabling form of Polio when the polioriums infects the brain and spiral cord, occurring in 12% of cases. He symptoms include muscle weakness, loss of reflexes and paralysis. Prevention: Vaccination: Vaccination: Vaccination is a biological

intervention to prevent polioinfection. Vaccination indroduces weakened or inactivated poliouirus, prompting immune system to produce antibodies. these antibodies quickly recognize and neutralize the wins of preventing its ability to cause infection paralysis. and Polio Vaccine: polio. that protect against 1. Inactivated Polio Wirus Vaccine: was developed by first used in 1955. It uses Killed and wirus and induces systemic immunity , preventing the spread of poliouirus in the bloodstream protecting against paralysis caused by wills. 2. Oral Pelieurus Vaccine: A live attenuated (weekened) oral polio vaccine developed by Dr. Albert Salvine 1961. It contains used in and first and provides intestinal live Wirus weakene a is administered orally induce immunity). It against immunity pow reatment :multifaceted approach to address the varying manifes polionirus in volues



