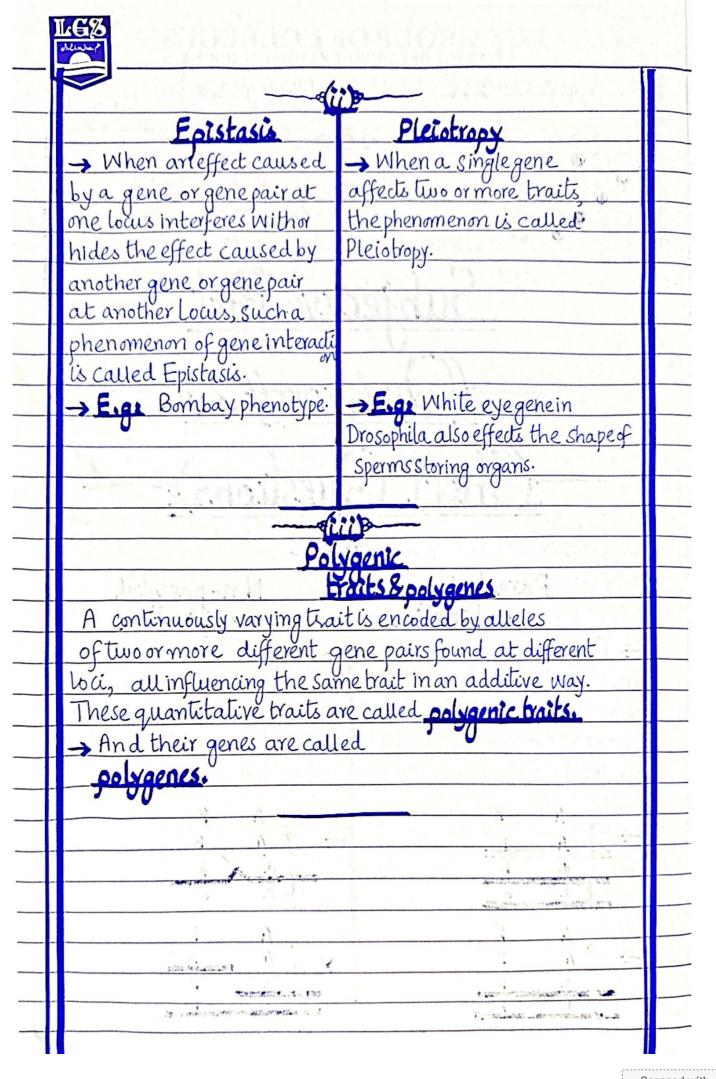
Sheet #\_



## LGS GROUP OF COLLEGES A PROJECT OF LAHORE GRAMMAR SCHOOL

Zymal Tariq Class: FSc premedical No Biology Subject:. 0000 0000 Marks Obtained 0000 00000 0000 0000 00000 Non-parental Parental combinations combinations > The combinations of alleles → The new combinations that are inherited unchanged of alleles that result from crossing over during meiosis from the parents, with no crossing are called recombinant or over or recombination is called parental combinations. non-parental combinations.



Student Name:.

## Erythroblastosis Foetalis

Maternal-foetal Rh incompatibilitys

Maternal-foetal in compatibility results when an Rh Wman, married to an Rh man conserves a child who is Rh.

## Chances

- → If the man's genotype is M, all of their offsprings (Dd) will be Rh.
- → If the man's genotype is Dd, half of their offspring. With Dd genotype will be Rht.

RBCs of Rht Foetus

If RBC of Rht foetus cross the placental barrier and enter into Rh mother's blood stream, the mother's immune system reacts to the foetal Rh antigen stimulus by producing a large number of anti-Rh antibodies.

## Mother's anti-Rh antibodiese

When mother's anti-Rh antibodies seep through placenta into blood circulation of foetus, they start hemolysis (breakdown/bursting) of RBC of foetus.

Erythro Hastosis foctaliss

Asthis destruction continues, the foetus becomes anaemic. The anaemic foetus starts to release many immoture erythrollasts into his blood streams. That is why this hemolytic disease of the newborn is called erythrollastosis foetalis.

This anaemia, may lead to abortion or still birth.