



NIRJA SAHAY DAV PUBLIC SCHOOL, KANKE, RANCHI

SUMMER VACATION HOLIDAY HOMEWORK, 2018-19

CLASS-XII

SUBJECT- BIOLOGY

1. Write an investigatory project on topic 'External agencies that help in dispersal of seeds'.

2. Answer the following questions:
 - (a) Why is *Drosophila* ideal for experiments in genetics?
 - (b) What is the significance of pedigree analysis for the geneticist?
Explain with an example.

3. Differentiate between :
 - (a) Homozygous and Heterozygous
 - (b) Phenotype and Genotype
 - (c) Autosomes and Sex chromosomes
