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UDALA COLLEGE, UDALA
TEST EXAM -2018
SUB : BOTANY ~~ZOOLOGY~~

CLASS : +2 2ND YEAR SCIENCE.

TIME: 2 HOURS **Techofworld.In** F. M. - 50

[All questions of Group -A is compulsory and answer any two from Group -B. Marks are indicated in the right hand margin.]

Group - A

1. Fill in the blanks. [5 x 2]

- The genotypic ratio of dihybrid cross is _____.
- Pollination by snail is called _____.
- The scientific name of pea plant is _____.
- The pairing of homologous chromosome is called _____.
- The functional units of DNA is called _____.

2. Write notes on **any three** fo the following. [5 x 3]

- Synopsis
- Homologous chromosomes
- Homogamy
- Cleistogamy

3. Differentiate **any two** of the following. [5 x 2]

- Self pollination & cross pollination

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- b) ~~Monohybrid & Dihybrid cross~~
- c) ~~Phenotype & Genotype~~

Group - B

4. Answer any two of the following questions. [7.5 x 2]

- a) Describe dihybrid cross.
- b) Describe advantages and disadvantages of cross pollination.
- c) Describe the process of linkage.

Mufali