

## Examrace

# Competitive Exams: Revision Terminology Part 55

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- Principle of photometer -> absorption = transpiration.
- Diffusive cap = amount of difference from stmata.
- Amount of difference from free water surface.
- Antitranspirant – ABA,  $\text{CO}_2$ , PMA, dodecanyl succinic acid,  $\text{C}_2\text{H}_5\text{OH}$ , silion boys low viscosity bags.
- Saturation deficit = water vap to saturate air – absolute humidity.
- Relative humidity =  $\frac{\text{Ab Humidity}}{\text{water vap}} \times 100$
- Transpiration  $\propto \frac{\text{root}}{\text{shoot}}$  rate  $\propto$  light  $\propto$  temp  $\propto$  loing  $\propto \frac{\text{area}}{\text{vol}}$  ratio.
- Transpiration only aevial surface is a necessary evil bcause to life plant has to do photosynthesis & keep stomata open & maintain a film of water on the mesophyte cells to dissolve incoming  $\text{CO}_2$ .
- Clayey soil needs more irrigation for growth.
- Afternoon tramsp > Forenoon.
- Tramsp – High altitude > Lower.
- Trans > absorp – Temporary wilting.
- Lack of water – Permament wilting.

## Genetics

- Normal Punnet & Bateson. Phenol – 9: 3 : 3 : 1, Geno – 1 : 2 : 1 : 4 : 2 : 4 : 12 :1
- Complementary both genes eqreally 9 : 7 CR – Red, CR – White, Cr – White, cr – white, Lathyrus odoratus by Batsen & Punnet.
- Supplementary A – ivory, B – magneta, 9 : 3 : 4, Snapdragon (Antirrhinum).
- Inhibitory (B) inhibit (A) dominant suppressive recessive, 13:3, Pigmentation in Rice – Green & purple.
- Additive B = x A = x AB = 2x, 9 : 6 : 1, Pericarp colour of wheat – deep red/ colourlac
- Duplicative A = x B = x AB = x, 15 : 1, Sherard's purse by shell.

- Epistatis A (epi) -> B (Hypo), dominant <- A -> white 12: 3: 1 gab -- -> yellow. Gabb -> green. Summer squash cucurbita pepo.
- Plant devoid of root – ceratophyllum, wolffia, myriophyllum, utricularia, epipogium.
- Plant devoid of stem – streptocarpus.
- Plant devoid Branches – plams
- Thalloid Angiosperm – Podostenon.
- Contractile roots – crocus, canna, Liliun.

- Stem

(1) caudex palm

(2) cudm Bamboo

(3) Scape onion

- Emergent Hydrophytes –

Tropa.

Limnophilla

Hydriophyllun

Rananculus aquatilis.

Rananculus multifidus.

- Root pocket – Pistia.
- Multiple root cap – Pandanus.
- Aim ab of light Dicot – weak & elongated stem, hook unopen, different X.
- Monocot – excess elongation of 1<sup>st</sup> interuodo, more leaf develop.
- Growth  $\alpha$  temp  $\alpha$  1/light.
- Photoblastic – lettuce seeds.
- Internode elongation increment in absence of light.
- Growth coeff – amount of growth per unit mass per unit.
- Gram of nutrient consumed per unit time of individual.

## **C<sub>3</sub> PLANTS**

