

# POPULATION REGULATION

2004

September

Tuesday

7

## Introduction:

According to the law of Stationary populations, every ~~old~~ old species in nature ultimately reaches the maximum number of individuals that can be supported by environment and therefore, population will remain stable over a long period of time.

There are various factors which regulate the population density.

## (A) Density dependent factors:-

These factors are the intrinsic or biotic as they depend on the coaction between individuals of the same population or of different population.

Some of the significant density-dependent factors are as follows:-

- (i) Reproductivity
- (ii) Dispersion
- (iii) Territoriality
- (iv) Competition
- (v) Predation
- (vi) Disease and Physiological stress.

OCTOBER

Appointments