

d. **Habitat Isolation**- species live in different parts of the same habitat and do not mate

e. **Isolation**- together

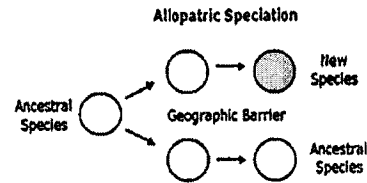
C. Postzygotic Isolation (after fertilization)

a. Gametes and fertilized egg never completely develops ()

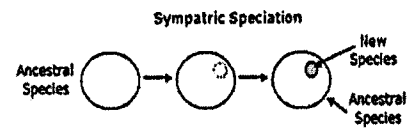
b. Fully developed organism unable to breed. ()

IV. Methods of Speciation – different ways speciation occurs in nature

A. – when a population is **isolated** into two or more groups because of some kind of



B. – occurs when two subpopulations become , but have between them (overlapping/not geographically isolated)



V. Types of Evolution

A. - occurs when two different species that together; have adaptations due to each other's influence

B.

a. When related species as they adapt to

b. A single ancestor diversifies into several different species that fit a variety of habitats.

C. - when develop similar in similar

VI. Extinction (disappearance of a species)

A. Occurs when ...

a. Environmental change too

b. A species is

c. restricts a lifestyle and conditions change.

B. Mass Extinction

a. Widespread and rapid on Earth. (% of species go extinct in a period; been 5 so far)

b. Identified by a sharp in diversity and of life.

c. The rate of extinction over the rate of speciation