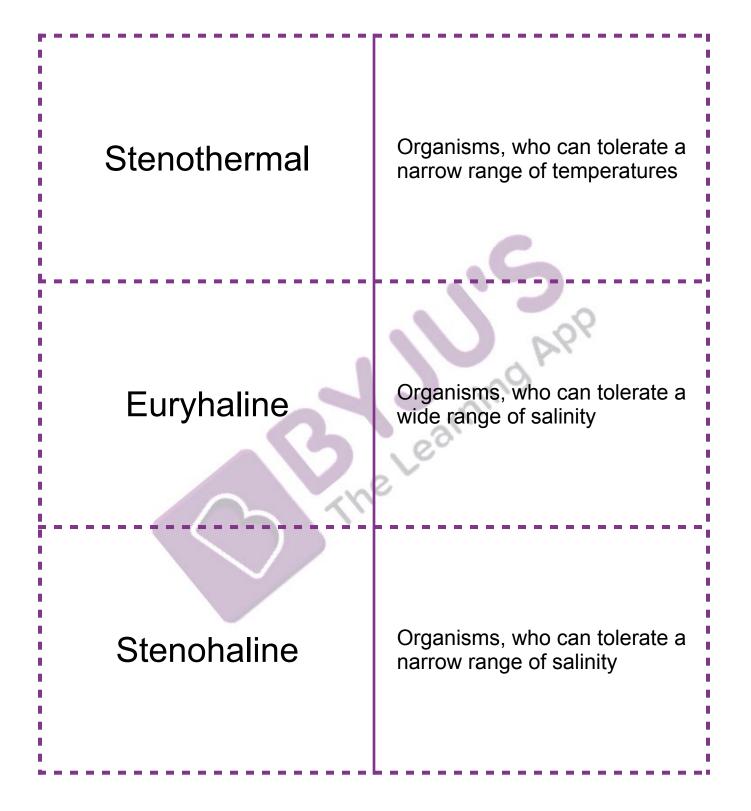


Habitat	A place, where an organism is adapted to live, grow and reproduce E.g. grasslands, mountains, deserts, etc.
Niche	Niche describes the physical space occupied and the functional role played by an organism in an ecosystem
Eurythermal	Organisms, who can tolerate a wide range of temperatures



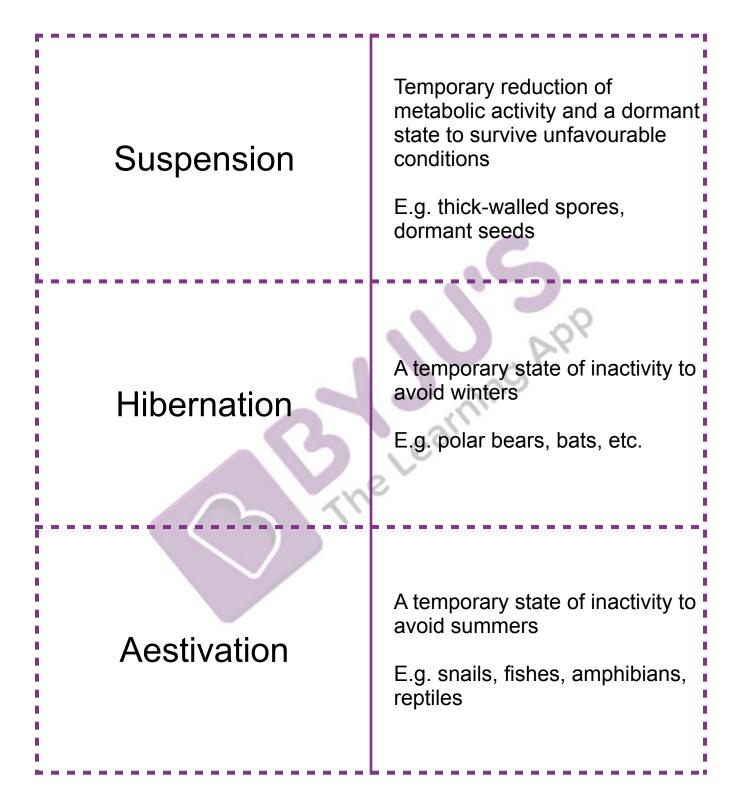
Flashcards for NEET Biology: Organisms and Populations



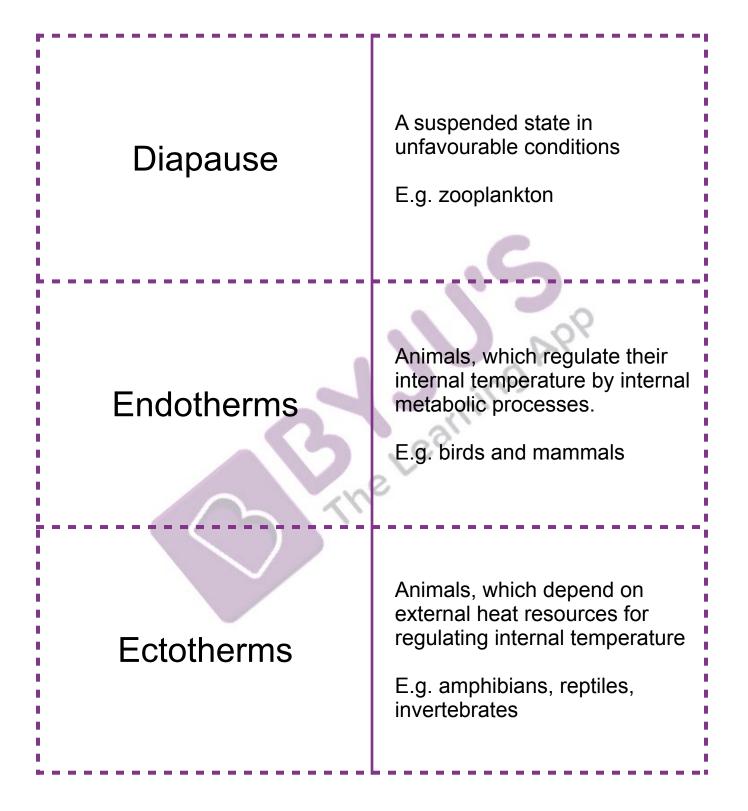


Regulators	Organisms, who have the capability of thermoregulation and osmoregulation by physiological or behavioural means and maintain homeostasis E.g. Birds, mammals, some lower vertebrates and invertebrates
Conformers	They cannot maintain a constant internal environment Internal temperature and osmotic pressure changes with the ambience E.g. 99 percent of animals and all the plants
Migration	Temporary migration to avoid a short time period of unfavourable conditions E.g. Siberian cranes migrate to Keoladeo National Park (Bharatpur, Rajasthan)

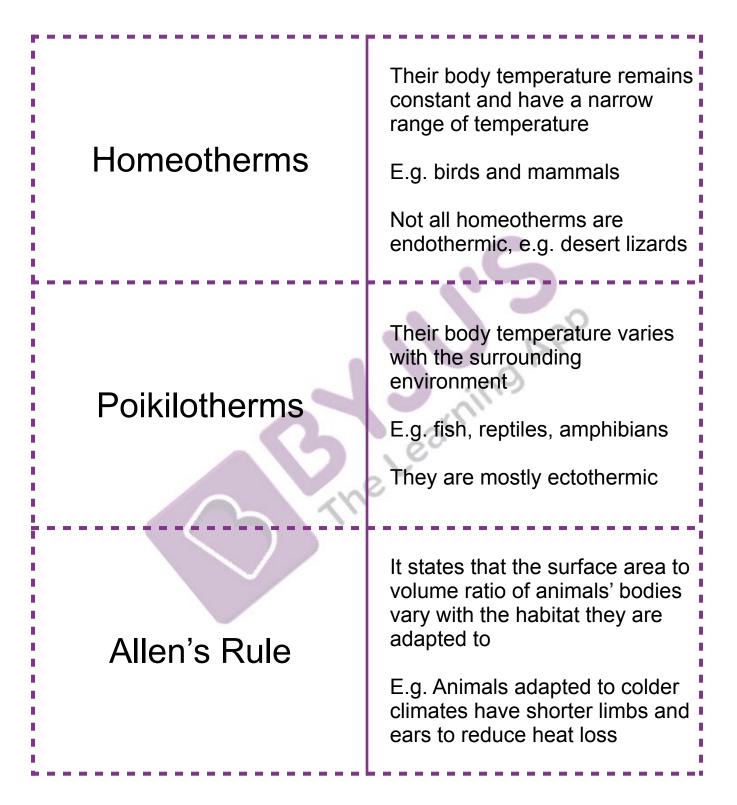








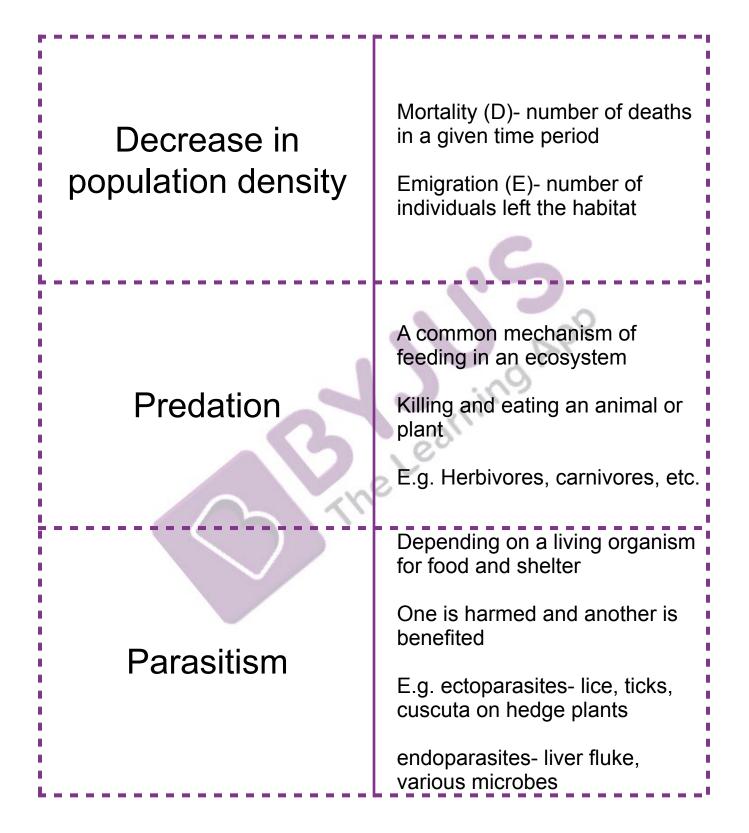




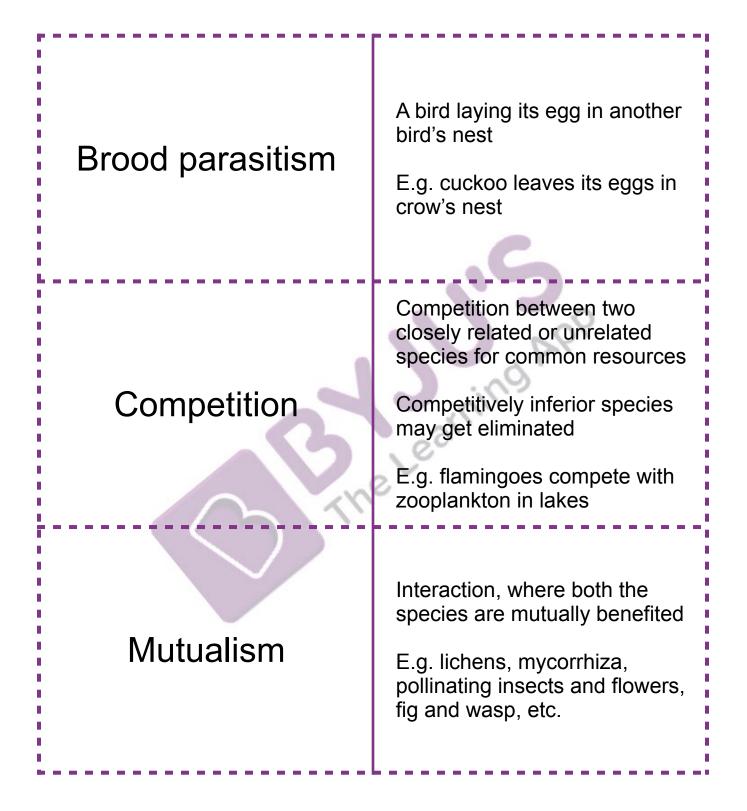


Population	A group of interbreeding individuals living in a geographical area and competing for similar resources
Population density	A measure of population size A number of individuals residing in an area. It can also be measured in terms of biomass or per cent cover Mostly estimated, e.g. tiger census is based on pug marks and fecal pellets, fish caught per trap, etc. $N_{t+1} = N_t + [(B + I) - (D + E)]$
Increase in population density	Natality (B)- number of births in a given time period Immigration (I)- number of individuals come into the habitat











Commensalism	Interaction between two species, where one is benefited and the other is neither harmed nor benefited E.g. Orchid is an epiphyte on a mango branch, cattle egrets, clownfish and sea anemone
Amensalism	Interaction between two species, where one species is harmed and another remain unaffected E.g. black walnut secretes a substance, which kills herbaceous plants, <i>Penicillium</i> kills bacteria due to penicillin secretion, grazing by cattle