

Weather, Climate and Adaptations of Animals to Climate

Q1. Explain, with examples, why we find animals of certain kind living in particular climatic conditions?

Ans. Animals are adapted to survive in the conditions in which they live. Animals living in very cold and hot climate must possess special features to protect themselves against the extreme cold or heat. Features and habits that help animals to adapt to their surroundings are a result of the process of evolution. For example, polar bears are adapted for Polar Regions. Polar bears have white fur so that they are not easily visible in the snowy white background. It protects them from their predators and also helps them in catching their prey. To protect them from extreme cold, they have two thick layers of fur. With these adaptations it will not be possible for polar bears to survive in tropical region where it is hot.

Q2. Write a short note on Beard ape.

Ans. Beard Ape

- i. The lion-tailed macaque (also called Beard ape) lives in the rainforests of Western Ghats.
- ii. Its most outstanding feature is the silver-white mane, which surrounds the head from the cheeks down to its chin.
- iii. It is a good climber and spends a major part of its life on the tree.
- iv. It feeds mainly on fruits. It also eats seeds, young leaves, stems, flowers and buds.
- v. This beard ape also searches for insects under the bark of the trees.
- vi. Since it is able to get sufficient food on the trees, it rarely comes down on the ground.