

Name: _____ Date: _____

Weather, Climate and Adaptations of Animals to Climate

Q1. How do polar bears survive the cold?

Ans. _____

Q2. What are the main features of the tropical rainforest?

Ans. _____

Weather, Climate and Adaptations of Animals to Climate

Q1. How do polar bears survive the cold?

Ans. Polar bears have following adaptations which help them to survive in cold environment:

- i. Polar bears have white fur so that they are not easily visible in the snowy white background. It protects them from their predators. It also helps them in catching their prey.
- ii. To protect them from extreme cold, they have two thick layers of fur. They also have a layer of fat under their skin.
- iii. Physical activities on warm days necessitate cooling. So, the polar bear goes for swimming.
- iv. Its paws are wide and large, which help it not only to swim well but also walk with ease in the snow. It can remain under water for long durations.
- v. It has a strong sense of smell so that it can catch its prey for food.

Q2. What are the main features of the tropical rainforest?

Ans. Main features of the rainforest

- i. The tropical region has generally a hot climate because of its location around the equator. Even in the coldest month the temperature is generally higher than about 15°C.
- ii. During hot summers, the temperature may cross 40°C. Days and nights are almost equal in length throughout the year. These regions get plenty of rainfall.
- iii. Tropical rainforests are found in Western Ghats and Assam in India, Southeast Asia, Central America and Central Africa.
- iv. The major types of animals living in the rainforests are monkeys, apes, gorillas, tigers, elephants, leopards, lizards, snakes, birds and insects.