



7. The tropical rainforests has a large population of animals. Explain why it is so.

Answer: Because of continuous warmth and rain, the tropical region supports an enormous number and a wide variety of animals.

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

Answer: Animals are adapted to survive in the conditions in which they live. Features and habits which help them to adapt to their surroundings are the result of evolution. So, to survive in a particular type of climate the animals must have certain adapted features. This is the reason we find animals of certain kind living in particular climatic conditions. For example, animals in the polar region are adapted to the extremely cold climate. They have special characteristics, such as white fur, strong sense of smell, a layer of fat under the skin, wide and large paws for swimming and walking in snow etc.

9. How do elephants living in the tropical rainforests adapt themselves?

Answer: The elephant has adapted to the conditions of rainforest in many remarkable ways. It has a trunk that it uses as a nose because of this it has a strong sense of smell. The trunk is also used by it for picking up food. Its tusks are modified teeth. These can tear the bark of trees that an elephant loves to eat. So, the elephant is able to handle the competition for food very well. Large ears of the elephant help it to hear even very soft sounds. They also help the elephant to keep cool in the hot humid climate of the rainforest.

10. Choose the correct option which answers the following question:
A carnivore with stripes on its body moves very fast while catching its prey. It is likely to be found in:

- (i) polar regions
- (ii) deserts
- (iii) oceans
- (iv) tropical rainforests

Answer: (iv) tropical rainforests

11. Which features adapt polar bears to live in extremely cold climate?

- (i) A white fur, fat below skin, keen sense of smell.
 - (ii) Thin skin, large eyes, a white fur.
 - (iii) A long tail, strong claws, white large paws.
 - (iv) White body, paws for swimming, gills for respiration.
- Answer: (i) A white fur, fat below skin, keen sense of smell.

12. Which option best describes a tropical region?

- (i) hot and humid
- (ii) moderate temperature, heavy rainfall
- (iii) cold and humid
- (iv) hot and dry

Answer: (i) Hot and humid

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