



III) Answer the following questions.

1) How do the adaptations in the nostrils of polar bear and camel help them?

Answer: The nostrils of polar bears close while swimming underwater so that no water can get in. The nostrils of camels can be opened and closed at will to protect them from the blowing sand.

2) List the features that help penguins to survive in the Antarctic region?

Answer: Penguins have the following features to survive in the extreme cold conditions of the Antarctic region.

- A thick layer of feathers on the body helps to keep the body warm.
- A thick layer of fat called blubber below the skin which helps to keep them warm.

3) Differentiate between the skin of animals living in cold regions and those living in hot regions.

Answer: Animals living in cold regions have thick fur on their skin. They also have a layer of fat under their skin. Animals living in hot regions have thick and less hairy skin.

4) What is Migration?

Answer: Migration is the mass movement of animals from one region to another region for food, shelter or to breed.

5) Define amphibians with two examples.

Answer: Animals that live both on land and in water are called amphibians. Frogs and toads are examples of amphibians.

6) Why do porcupines have spines?

Answer: The porcupine has spines or quills, which it releases on its attacker in order to protect itself.



Higher Order Thinking Skills

l) Tick the correct option.

1) Adaptation	This bird has flippers	1.Both (a) and (b) are correct. <input type="checkbox"/>
Effect	Flippers help the bird to a. fly b. swim underwater c. walk on snow d. slither on land	2. Both (c) and (d) are correct. <input type="checkbox"/> 3.Both (a) and (d) are correct. <input type="checkbox"/> 4. Only (b) is correct. <input checked="" type="checkbox"/>

2) Adaptation	This animal has white fur.	1.Both (a) and (b) are correct. <input type="checkbox"/>
Effect	The white fur helps the animal to a. blend in with its surroundings. b. be prominently visible in its surroundings. c. remain warm. d. hibernate.	2. Only (a) is correct. <input checked="" type="checkbox"/> 3.Only (d) is correct. <input type="checkbox"/> 4. Both (b) and (c) are correct. <input type="checkbox"/>

3) Adaptation	This animal has a hump on its back.	1.Both (a) and (b) are correct. <input type="checkbox"/>
Effect	The hump helps the animal to a. tolerate heat. b. overcome periods of starvation. c. store excess food. d. walk easily in a sandy desert.	2. Both (c) and (d) are correct. <input type="checkbox"/> 3.Both (a) and (d) are correct. <input type="checkbox"/> 4. Both (b) and (c) are correct. <input checked="" type="checkbox"/>



II) Read and tick the best adaptations for my survival.

1) I live in the cold Arctic region. I should

have thick fur and blubber	<input checked="" type="checkbox"/>
have sparse hair on my skin and blubber	<input type="checkbox"/>
eat heartily often	<input type="checkbox"/>
be able to survive with less food	<input checked="" type="checkbox"/>
be active throughout the year	<input type="checkbox"/>
hibernate during very cold winter months	<input type="checkbox"/>

2) I live in the hot and dry deserts. I should

eat food and drink water often	<input type="checkbox"/>
have thin skin and short legs	<input type="checkbox"/>
possess large padded feet	<input checked="" type="checkbox"/>
have nostrils that can be opened and closed at will	<input checked="" type="checkbox"/>
have short eyelashes	<input type="checkbox"/>
store food in hump as fat	<input checked="" type="checkbox"/>