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Class: VII
Subject: Chemistry
Topic: Weather, climate and adaptation of animals to climate
No. of Questions: 20

1. Which of the following statement is incorrect for penguins?

   A. They huddle together
   B. They cannot swim
   C. They have webbed feet
   D. They have streamlined body

2. How do elephant living in the tropical rainforest adapt itself.

3. What is camouflage?

4. Given below are some adaptive features of animals:

   (i)   Layer of fat under the skin
   (ii) Long, curved and sharp claws
   (iii) Slippery body
   (iv) Thick white fur

   Which of them are the adaptive features of a polar bear?

   (a) (i) only
   (b) (i) and (ii) only
   (c) (i), (ii) and (iii) only
   (d)   (i), (ii), and (iv) only

5. 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

6. Is wind a factor affecting climate?

7. Which of the following briefly describes the desert climate?

   (A) Hot and humid
   (B) Dry and humid
   (C) Hot and dry
   (D) Hot and wet

8. Write a short note on the characteristics of Beard ape?

9. Which option best describes a tropical region?

   (i) hot and humid

   (ii) moderate temperature, heavy rainfall

   (iii) cold and humid

   (iv) hot and dry

10. Why is camouflage important for animals?

11. The coldest region on earth is the-

    A. Polar region
    B. Tropical region
    C. Temperate region
    D. Coastal region

12. Describe the adaptations of the polar bear in the polar climatic condition.

13. 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.

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14. What are adaptations? Explain the types of adaptations.

15. Choose the odd one from the following options:

    A. Thick layer of fat under the skin
    B. White fur
    C. Long grasping tail
    D. Wide and large feet with sharp claws

16. "All the changes in the weather are caused by sun." Do you agree with this statement? If yes, then explain.

17. Name the instrument used to measure rainfall.

18. Explain with examples how animals have adapted themselves to overcome the competition for food and shelter in the rainforests.

19. The tropical rainforest has a large population of animals. Explain why it is so.

20.

    (i)   The average weather taken over a long time is called_____.
    (ii)   A place receives very little rainfall and the temperature is high throughout the year, the climate of the place will be_____ and_____.
    (iii)   The two regions of the earth with extreme climatic conditions are_____ and _____.
    (iv)   The weather reports are prepared by the _____ department of the government.
    (v)   Special features of an animal to live in its surrounding is called _____.
    (vi)   One of the important feature of tropical region is _____.
    (vii)   The temperature, humidity, rainfall and other factors are called _____of the weather.