Chapter 7

MULTIPLE CHOICE QUESTIONS

1. (a)	2. (b)	3. (c)	4. (b)
5. (d)	6. (b)	7. (c)	8. (a)
9. (c)			

VERY SHORT ANSWER QUESTIONS

10. Adaptation.

11. Frog or any other amphibian.

12. (a) False, it is easy to predict the climate rather than the weather.
    (b) False, (since very few prey are available) polar bear need to have a strong sense of smell.
    (c) True.
    (d) False, tropical rain forests are hot and humid throughout the year because of heavy rains all the time.

13. (i) Climate   (ii) Polar
    (iii) Thermometer   (iv) Humidity

SHORT ANSWER QUESTIONS

14. (a) (iv);   (b) (ii);   (c) (i);   (d) (iii)

15. Weather is a complex phenomenon which can vary over a short period of time and thus is difficult to predict. It is easier to predict climate as it is the average weather pattern taken over a long time.

16. Polar regions: polar bear/penguin/reindeer/musk oxen/any other.

    Tropical rain forests: red eyed frog/elephants/lion tailed macaque/any other.

17.   Layer of fat under skin, thick white fur.

18.   Streamlined body, webbed feet.

19.   (i)   Weather is the daily fluctuation in temperature, humidity, etc., while climate is the average weather pattern of a place.

    (ii)   Humidity indicates the wetness of a place due to amount of moisture in the atmosphere while rainfall is the drops of water that fall from clouds on the ground.

    (iii)   Polar region remains very cold for most part of the year whereas tropical rain forest is hot and humid.

    (iv)   Maximum and minimum temperatures of the day indicate highest and lowest recorded temperature, respectively.

LONG ANSWER QUESTIONS

20.   (a)   atmosphere
    (b)   temperature
    (c)   humidity
    (d)   rainfall
    (e)   windspeed
    (f)   average

21.

Tropical Rain Forest	Polar Region
• Hot and Humid Climate	• Penguin
• Gorilla	• Reindeer
• Monkey	• Greenland
• Assam	• Sun does not rise for six months
• Day and night are almost equal in length throughout the year	• Winter temperature around –37 °C.
• Western Ghats	