

Weather, Climate and Adaptations of Animals to Climate

Question 1.

The sun rises late and sets early during:

- (a) summer season
- (b) winter season
- (c) rainy season
- (d) all of these

▼ [Answer](#)

- (b) winter season

The sun rises late and sets early during winter season.

Question 2.

The source of weather in first place is:

- (a) due to sun
- (b) due to moon
- (c) due to rain
- (d) all of these

▼ [Answer](#)

- (a) due to sun

All changes in the weather are caused due to sun.

Question 3.

The temperature of every day is recorded by:

- (a) clinical thermometer
- (b) laboratory thermometer
- (c) minimum and maximum thermometer
- (d) none of these

▼ [Answer](#)

- (c) minimum and maximum thermometer

Minimum and maximum temperature records by minimum and maximum thermometer.

Question 4.

The average weather taken over a long time is called:

- (a) temperature
- (b) climate of place
- (c) weather
- (d) all of these

▼ [Answer](#)

- (b) climate of place

The average weather pattern taken over a long time, say 25 years, is the climate of the place.

Question 5.

The weather reports are prepared by the:

- (a) meteorological department
- (b) thermometer
- (c) both (a) and (b)
- (d) none of these

▼ [Answer](#)

(a) meteorological department

Meteorological department of Government prepares the reports of weather.

Question 6.

Which collects data on temperature, wind etc ?

- (a) meteorological department
- (b) laboratory thermometer
- (c) both (a) and (b)
- (d) none of these

▼ [Answer](#)

(a) meteorological department

Meteorological department collects data on temperature, etc.

Question 7.

The day-to-day conditions of the . atmosphere at a place with respect to the temperature, humidity, rainfall, wind speed is called:

- (a) temperature
- (b) climate
- (c) weather
- (d) none of these

▼ [Answer](#)

(c) weather

Weather determines the temperature, humidity and rainfall.

Question 8.

A carnivore with strips on its body moves very fast while catching its prey. It is likely to be found in:

- (a) polar regions
- (b) deserts
- (c) oceans
- (d) tropical rain-forest

▼ [Answer](#)

(d) tropical rain-forest

A carnivore found in tropical rain-forest.

Question 9.

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

- (a) A white fur, fat below skin, keen sense of smell
- (b) Thin skin, large eyes, a white fur
- (c) A long tail, strong claws, white large paws
- (d) White body, paws for swimming, gills for respiration

▼ [Answer](#)

(a) A white fur, fat below skin, keen sense of smell
All adaptations are essential to live in cold climate.

Question 10.

Which is best described as a tropical region ?

- (a) Hot and humid
- (b) Cold and humid
- (c) Hot and dry
- (d) Heavy rainfall, moderate temperature

▼ [Answer](#)

(a) Hot and humid
Hot and humid is best described for tropical region.

Question 11.

The tropieal rain-forest has a large population of animals because of continuous:

- (a) cold and rain
- (b) hot and dry
- (c) warmth and rain
- (d) all of these

▼ [Answer](#)

(c) warmth and rain
Continuously warmth and rain, the tropical rain-forest has a large population of animals.

Question 12.

The tropical region temperature is in the range of:

- (a) 15°C – 40°C
- (b) 10°C – 30°C
- (c) 25°C – 40°C
- (d) 15°C – 30°C

▼ [Answer](#)

(a) 15°C – 40°C
The range of tropical region temperature is 15°C – 40°C.

Question 13.

The temperature, humidity and other factors are called:

- (a) elements of weather
- (b) weather
- (c) climate
- (d) none of these

▼ [Answer](#)

(a) elements of weather
Temperature, humidity and rainfall are the elements of weather.

Question 14.
Rainfall is measured by an instrument called:

- (a) rain guage
- (b) barometer
- (c) thermometer
- (d) lactometer

▼ [Answer](#)

(a) rain guage
Rainfall is measured by rain guage.

Question 15.
The sun is a huge sphere of hot:

- (a) climate
- (b) weather
- (c) gases
- (d) none of these

▼ [Answer](#)

(c) gases
The sun is a huge sphere of hot gases.

Question 16.
The sun is the primary source of energy that causes changes in the:

- (a) weather
- (b) climate
- (c) gases
- (d) none of these

▼ [Answer](#)

(a) weather
All changes in the weather is due to the sun.

Question 17.
The typical desert climate is:

- (a) cold and rainy
- (b) hot and dry

- (c) humid
- (d) none of these

▼ [Answer](#)

- (b) hot and dry

The typical desert climate is hot and dry.

Question 18.

In winters, the temperature of Polar region is as low as:

- (a) -35°C
- (b) -34°C
- (c) -39°C
- (d) -37°C

▼ [Answer](#)

- (d) -37°C

In winter, the temperature of polar region is -37°C.

Question 19.

Which bird huddled together ?

- (a) Penguin
- (b) Elephant
- (c) Polar bear
- (d) Duck

▼ [Answer](#)

- (a) Penguin

Penguin huddled together.

Question 20.

The bird which possess a large, long beak is:

- (a) Kiwi
- (b) Penguin
- (c) Toucan
- (d) Pigeon

▼ [Answer](#)

- (c) Toucan

Toucan possess large, long back.

Question 21.

Days and nights are equal in length throughout the year in:

- (a) typical region
- (b) tropical region
- (c) deserts
- (d) coastal areas

▼ [Answer](#)

(b) tropical region

Days and nights are equal in tropical region.

Question 22.

Which one of the following is not very cold habitat animals ?

- (a) Camel
- (b) Polar bear
- (c) Penguin
- (d) Rein deer

▼ [Answer](#)

(a) Camel

Camel is not cold habitat animals.

Question 23.

The climate of the north east is:

- (a) wet
- (b) hot
- (c) dry
- (d) cold

▼ [Answer](#)

(a) wet

The climate of the north-east is wet.

Question 24.

The maximum temperature of the day occurs generally in:

- (a) morning
- (b) afternoon
- (c) evening
- (d) night

▼ [Answer](#)

(b) afternoon

The maximum temperature of the day occurs in afternoon.

Question 25.

The minimum temperature of the day occurs generally in the:

- (a) mid-night
- (b) early morning
- (c) evening
- (d) morning

▼ [Answer](#)

(b) early morning

The minimum temperature of the day occurs in early morning.

Question 26.

Which of these animals possesses thick layer of fat under their skin ?

- (a) Beard ape
- (b) African elephant
- (c) Polar bear
- (d) None of these

▼ [Answer](#)

(a) Beard ape

Polar bear possess thick layer of fat under its skin.

Question 27.

Two animals found in hot and humid climate:

- (a) Red-eyed frog and beard ape
- (b) Beard ape and polar bear
- (c) Polar bear and African elephant
- (d) Camel and reindeer

▼ [Answer](#)

(a) Red-eyed frog and beard ape

Red-eyed frog and beard ape found in hot and humid climate.

Question 28.

The adaptations of animals living in tropical rain forest are:

- (a) they have bright colours
- (b) they have sharp patterns
- (c) they have loud voice
- (d) all of these

▼ [Answer](#)

(d) all of these

All of these adaptations are found in tropical rain-forests animals.

Question 29.

Birds migrate to warmer regions because they cannot live in:

- (a) wet region
- (b) dry region
- (c) cold region
- (d) hot region

▼ [Answer](#)

(c) cold region

Because birds cannot live in cold region.

Question 30.

The adaptations of penguin are:

- (a) it is white and merges well with the white background
- (b) their bodies are stream lined and their feet have webs, making them good swimmers
- (c) both (a) and (b)
- (d) none of these

▼ [Answer](#)

- (c) both (a) and (b)

Both (a) and (b) are the adaptations of penguin.

Question 31.

Fishes and butterflies also migrate like:

- (a) animals
- (b) insects
- (c) birds
- (d) none of these

▼ [Answer](#)

- (c) birds

Fishes and butterflies migrate like birds.

Question 32.

The adaptation of polar bear are:

- (a) it has two thick layers of fur which keeps it warm in cold weather
- (b) their bodies are stream lined and their feet have webs, making them good swimmers
- (c) both (a) and (b)
- (d) none of these

▼ [Answer](#)

- (a) it has two thick layers of fur which keeps it warm in cold weather

Polar bear has two thick layers of fur which keeps it warm in cold weather.

Question 33.

Tropical rain-forests are found in:

- (a) India, Malaysia
- (b) Brazil, Kenya, Republic of Congo
- (c) Indonesia, Nigeria and Uganda
- (d) All of these

▼ [Answer](#)

- (d) All of these

Tropical rain-forests are found in all of these countries.

Question 34.

Belonging to polar regions are:

- (a) Canada
- (b) Sweden
- (c) Finland
- (d) All of these

▼ [Answer](#)

(d) All of these

All these countries belong to polar region.

Question 35.

The particular features of an organism that makes it suited to a particular climate is called:

- (a) adaptation
- (b) climate
- (c) weather
- (d) none of these

▼ [Answer](#)

(a) adaptation

Adaptation suited to particular climate.

Question 36.

The sun rises early and sets late during:

- (a) summer season
- (b) winter season
- (c) rainy season
- (d) all of these

▼ [Answer](#)

(a) summer season

The sun rises early and sets late during summer season.

[Match Column A with Column B:](#)

Question 1.

Column- A	Column- B
(a) Jammu and Kashmir	(i) wet climate
(b) Kerala	(ii) hot and dry climate
(c) Rajasthan	(iii) hot and wet climate
(d) North-east India	(iv) moderately hot and wet climate

▼ [Answer](#)

Column- A	Column- B
(a) Jammu and Kashmir	(iv) moderately hot and wet climate

(b) Kerala	(iii) hot and wet climate
(c) Rajasthan	(ii) hot and dry climate
(d) North-east India	(i) wet climate

Question 2.

Column- A	Column- B
(a) Diets heavy on fruits	(i) Hot and humid
(b) White fur	(ii) Tropical rain-forest
(c) Need to migrate	(iii) Polar region
(d) Tropical region	(iv) Polar bear

▼ Answer

Column- A	Column- B
(a) Diets heavy on fruits	(ii) Tropical rain-forest
(b) White fur	(iv) Polar bear
(c) Need to migrate	(iii) Polar region
(d) Tropical region	(i) Hot and humid

Question 3.

Column- A	Column- B
(a) The animal which has thick layer of fat under its skin	(i) Red eyed frog
(b) Is not a cold habitat animal	(ii) Wet
(c) Climate of north-east	(iii) Polar bear
(d) An animal found in hot and humid climate	(iv) Camel

▼ Answer

Column- A	Column- B
(a) The animal which has thick layer of fat under its skin	(iii) Polar bear
(b) Is not a cold habitat animal	(iv) Camel
(c) Climate of north-east	(ii) Wet
(d) An animal found in hot and humid climate	(i) Red eyed frog

State whether the following statements are "True" or 'False':

Question 1.

Polar bear is found in hot and humid climate.

▼ Answer

False

Question 2.

The minimum temperature of the day occurs generally in early morning.

▼ [Answer](#)

True

Question 3.

The climate of the north-east is cold.

▼ [Answer](#)

False

Question 4.

Camel is a cold habitat animal.

▼ [Answer](#)

False

Question 5.

Fishes and butterflies migrate like birds.

▼ [Answer](#)

True

Question 6.

Days are shorter in winter than in summer.

▼ [Answer](#)

True

Question 7.

Polar bears live in hot climate.

▼ [Answer](#)

False

Question 8.

Beard apes are found in cold and rainy climate

▼ [Answer](#)

False

Question 9.

All changes in the weather are caused due to moon.

▼ [Answer](#)

False

Question 10.

The maximum temperature of the day occurs in the evening.

▼ [Answer](#)

False

Question 11.

The average weather pattern takes over a long time, say 25 years, is called the climate of the place.

▼ [Answer](#)

True

Question 12.

The weather reports are prepared by rain gauge.

▼ [Answer](#)

False

[Fill in the blanks:](#)

Question 1.

..... are found in hot and humid climate.

▼ [Answer](#)

Red-eyed frogs

Question 2.

..... migrate to warmer region because they cannot live in cold regions.

▼ [Answer](#)

Birds

Question 3.

..... keep warm by huddling together.

▼ [Answer](#)

Penguins

Question 4.

..... has two layers of fur which keeps it warm.

▼ [Answer](#)

Polar bear

Question 5.

The tropical region has a hot

▼ [Answer](#)

climate

Question 6.

..... and are almost equal in length throughout the year.

▼ [Answer](#)

Days, nights

Question 7.

..... has a large number of animals.

▼ [Answer](#)

Tropical rain-forest

Question 8.

The two regions of the earth with extreme climate conditions are and

▼ [Answer](#)

tropical, polar.

Question 9.

..... humidity and rainfall determines the weather.

▼ [Answer](#)

Temperature

Question 10.

A place receives very little rainfall and the temperature is high throughout the year, the climate of that place will be and

▼ [Answer](#)

hot, dry

Question 11.

..... found in hot and humid climate.

▼ [Answer](#)

Beard ape

Question 12.

Tropical rain-forests are found in and

▼ [Answer](#)

India, Malaysia
