

Class: 7
Subject: Chemistry
Topic: Weather, Climate and Adaptations of Animals to climate
No. of Questions: 20
Duration: 60 Min
Maximum Marks: 60

Q1: Which of the following is NOT an element of weather?

- (a) Humidity
- (b) Temperature
- (c) Soil
- (d) Rain

Ans: (c)

Explanation: Soil is not the element of weather.

Q2: A carnivore with stripes 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 rainforests

Ans: (d)

Explanation: Leopard is that animal and is found in tropical rainforests.

Q3: Which of these is specifically an adaptation for cold climates?

- (a) thick fur
- (b) long ears
- (c) sweating glands
- (d) light bones

Ans: (a)

Explanation: thick fur

Q4: The special features and habits that help an animal survive in its environment are known as _____

- (a) evolutions
- (b) adaptations
- (c) polymorphisms
- (d) hibernation

Ans: (b)

Explanation: It's called adaptations.

Q5: In Nicobar Islands, the Long tailed macaque is also known as _____

- (a) Indian Parrot
- (b) Beard Ape
- (c) Monkey
- (d) Lemurs

Ans: (b)

Explanation: Beard apes are long tailed macaque and are found in Nicobar Islands.

Q6: Long Inactivity and metabolic depression of animals during winters is known as:

- (a) aestivation
- (b) migration
- (c) evolution
- (d) hibernation

Ans: (d)

Explanation: animals remain inactive, it's called hibernation.

Q7: Birds are adapted to fly because of _____,

- (a) streamlined body
- (b) light bones
- (c) feathers and wings
- (d) all of these

Ans: (d)

Explanation: all of these.

Q8: In India, rainforests are found in which of the following state?

- (a) Andhra Pradesh
- (b) Madhya Pradesh
- (c) Assam
- (d) Kerala

Ans: (c)

Explanation: fact

Q9: Water vapours present in the atmosphere is called

- (a) humidity
- (b) precipitation
- (c) climate
- (d) rain fall

Ans: (a)

Explanation: fact

Q10: Camouflage shown in polar bears is due to

- (a) thick fur
- (b) padded feet
- (c) white fur
- (d) two layers of fat

Ans: (c)

Explanation: white fur helps in hiding them.

Q11. The Department which prepares weather report is ()

- (a) Telecom Department
- (b) Electrical Department
- (c) Meteorological Department
- (d) Civil Department

Ans: (c)

Explanation: meteorological department maintains the full weather reports.

Q12. The amount of humidity in the atmosphere is a measure of _____ in air ()

- (a) Heat
- (b) Temperature
- (c) Chemicals
- (d) Moisture

Ans: (d)

Explanation: moisture present in air is humidity.

Q13. The instrument used to measure rainfall is called ()

- (a) Barometer
- (b) Rain Gauge
- (c) Thermometer
- (d) maximum-minimum thermometer

Ans: (b)

Explanation: Rain gauge is used

Q14. The temperature, humidity, rainfall wind speed etc., are called the _____ of weather.

- (a) Elements
- (b) Compounds
- (c) Indicators
- (d) Chemicals

Ans: (a)

Explanation: fact

Q15. The maximum and minimum temperatures of a day are recorded by using ()

- (a) Celsius Thermometer
- (b) Fahrenheit Thermometer
- (c) Maximum-minimum Thermometer
- (d) Hydrogen Thermometer

Ans: (c)

Explanation: Max and Min Thermometer

Q16. At what time do you feel comparatively comfortable in a day during summer seasons? ()

- (a) Early in the morning
- (b) In the afternoon
- (c) In the evening
- (d) At mid-night

Ans: (a)

Explanation: Early in morning we feel comfortable

Q17. All changes taking place in the atmosphere are caused by the _____ ()

- (a) Moon
- (b) Sun
- (c) Earth
- (d) Stars

Ans: (b)

Explanation: Sun is the ultimate source.

Q18. The places where the sun does not rise for six months and does not set for the other six months are ()

- (a) Polar regions
- (b) Equator Region
- (c) Northern regions
- (d) Southern Regions

Ans: (a)

Explanation: In polar regions Sun does not rise

Q19. The temperature in Polar Regions in winter will be as low as ()

- (a) -40°C
- (b) 34°C
- (c) 45°C
- (d) -37°C

Ans: (d)

Explanation: fact

Q20. Find the animal living in polar regions from the following ()

- (a) Monkey
- (b) Donkey
- (c) Polar bear
- (d) Gorilla

Ans: (c)

Explanation: Polar bear

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