



BIOLOGY

BOOKS - VGS PUBLICATION-BRILLIANT

WEATHER AND CLIMATE

Exercise

1. What aspects should you observe to know and predict the weather of your village?



Watch Video Solution

2. Read a newspaper, collect the weather reports in it. Write about the various elements of the weather mentioned in the report.



Watch Video Solution

3. Where is the meteorological department in your area? How is it useful to you?



Watch Video Solution

4. It is hot and sweaty at a place. Guess the possible reason for that.



Watch Video Solution

5. Write true or false. Give reasons.

Minimum temperature is recorded in early morning.



Watch Video Solution

6. Write true or false.

The direction and speed of wind is found by an Anemometer.



Watch Video Solution

7. Write true or false. Give reasons.

In summer the winds blow towards the earth from the seas/ocean in the afternoon



Watch Video Solution

8. Write true or false. Give reasons.

In our state the maximum temperature is recorded in the month of July.



Watch Video Solution

9. Why do people need and observe weather?



Watch Video Solution

10. Every year we have floods in the rainy season. Why?



Watch Video Solution

11. Observe your surroundings and try to predict how tomorrow would be ?



Watch Video Solution

12. Priya's mother said "It is very hard to stay at Vizag during summer" Why did she say so?



Watch Video Solution

13. Collect different newspapers and compare the weather reports. Are they same or not ?
Why ?



Watch Video Solution

14. How do you feel when you see a rainbow?

Express your feelings in the form of a song or poem.



Watch Video Solution

15. How do elders predict rain?



Watch Video Solution

16. How does the meteorological department make weather predictions ?



Watch Video Solution

17. What aspects do you see in the weather record?



Watch Video Solution

18. A liquid used to record low temperature in Six's maximum and minimum thermometer



Watch Video Solution

19. How do you explain the functionality of a monomer?



Watch Video Solution

20. What is meant by climate ?



[Watch Video Solution](#)

21. How do we compare a place which is hot with a place which is cool?



[Watch Video Solution](#)

22. How do meteorologists measure the rain fall ? What are its units?



[Watch Video Solution](#)

23. Why is it sweaty in Vijayawada and relatively less in Hyderabad in summer?



Watch Video Solution

24. Which region on the globe is very hot and which region is very cold?



Watch Video Solution

25. Difference between the maximum temperature and the minimum temperature in a day is highest in a



Watch Video Solution

26. How do you find cartilage bones of our body? Write the activity you do.



Watch Video Solution

27. What is humidity ? Explain it with an activity.



Watch Video Solution

28. What happened during the tsunami in Andaman and Nicobar islands in 2004?



Watch Video Solution

29. Read a newspaper, collect the weather reports in it. Write about the various elements of the weather mentioned in the report.



Watch Video Solution

30. Describe a weather report actually given by the department.



Watch Video Solution

31. What is the difference between a weather forecast and a weather report?



Watch Video Solution

32. What are the weather components?



Watch Video Solution

33. How do farmers estimate the rain fall ?



Watch Video Solution

34. Draw the diagram of a Anemometer and mention its uses.



Watch Video Solution

35. Describe the climate of our country as per the studies of IMD.



Watch Video Solution

36. How do people adjust to the climate ? Why in 2010 Kurnool and other parts in Rayalaseema submerged in floods ?



Watch Video Solution

37. How does climate effect our life style ?



Watch Video Solution

38. Weather changes

A. Week after week

B. Day after day

C. Within a short period

D. In any of the above time period

Answer:



Watch Video Solution

39. Rain fall is measured by

A. Rain gauge

B. Water level in the ponds

C. Increase in the levels of ground water

D. None of the above

Answer:



Watch Video Solution

40. Maximum temperature of the day occurs generally in

A. The morning

B. Evening

C. Noon

D. After noon

Answer:



Watch Video Solution

41. The quantity of water vapour in air is

A. Temperature

B. Humidity

C. Climate

D. Weather

Answer:



Watch Video Solution

42. Humidity is measured by

A. Rain gauge

B. Anemometer

C. Wind gauge

D. Hydrometer

Answer:



Watch Video Solution

43. The maximum and minimum temperature at a place is measured by

- A. Lab thermometer
- B. Six's thermometer
- C. Clinical thermometer

D. Gas thermometer

Answer:



Watch Video Solution

44. Rain gauge is also called as

A. Hydrometer

B. Anemometer

C. Udometer

D. None

Answer:



Watch Video Solution

45. Wind speed is measured by

- A. Anemometer
- B. Hydrometer
- C. Speedometer
- D. Udometer

Answer:



[Watch Video Solution](#)

46. Tsunami in Andaman Nicobar occurred in

A. 2000

B. 2002

C. 2004

D. 2006

Answer:



[Watch Video Solution](#)

47. Rainfall is measured in

A. mm

B. feet

C. yards

D. meters

Answer:



Watch Video Solution

48. Which of the following statements regarding weather is incorrect?

A. It is highly unpredictable.

B. It is measured on a day-to-day basis.

C. It is measured using factors like rainfall and humidity.

D. It remains the same throughout the week or even a month.

Answer:





49. Which of the following statements regarding humidity is correct ?

A. It is the amount of rain received by an area.

B. It is the amount of moisture present in the air of a given area.

C. It is measured by determining the degree of heat of an area.

D. It is measured by determining the speed of wind in a given area.

Answer:



Watch Video Solution

50. The minimum temperature of the day is measured during what time period of the day?

A. Early morning

B. Late night

C. Afternoon

D. Evening

Answer:



Watch Video Solution

51. A place with a mean temperature of $38^{\circ}C$ that receives high rainfall has what type of climate?

A. 1. Hot and dry

B. 2. Hot and wet

C. 3. Cold and dry

D. 4. Cold and wet

Answer:



Watch Video Solution

52. Rajasthan receives very little rainfall and its mean temperature is very high. The climate of Rajasthan is

A. hot and dry

B. hot and wet

C. cold and dry

D. cold and wet

Answer:



Watch Video Solution

53. The climate of Srinagar is

A. hot and dry

B. hot and wet

C. cold and dry

D. cold and wet

Answer:



Watch Video Solution

54. The climate of Thiruvananthapuram is

A. hot and dry

B. hot and wet

C. cold and dry

D. cold and wet

Answer:



Watch Video Solution

55. In which month both the cities are getting cool and dry ?

A. December

B. January

C. February

D. November

Answer:



Watch Video Solution

56. In which month Thiruvananthapuram is having moderate climate ?

A. December

B. January

C. February

D. November

Answer:



Watch Video Solution

57. In Six max - min thermometer magnet is used

A. to take readings

B. to make indicators at original positions

C. to keep thermometer safe

D. to maintain accuracy

Answer:



Watch Video Solution

58. Farmers measure rainfall based on

A. wetness of the soil

B. dryness of the soil

C. humidity of the air

D. dryness of the air

Answer:



Watch Video Solution

59. PADUNU means

A. rainfall is insufficient

B. rainfall is sufficient

C. rainfall is heavy

D. salinity of the soil

Answer:



Watch Video Solution

60. Moving back of ocean and making sounds of birds indicates

A. Cyclone

B. Rain

C. Halles

D. Tsunami

Answer:



Watch Video Solution

61. Anemometer is useful to measure

- A. speed
- B. direction
- C. speed and direction
- D. none of these

Answer:



Watch Video Solution

62. If the depth of water in rain guage is 1cm it indicates the rainfall

A. 10 mm

B. 1 mm

C. 10 mm

D. 100 mm

Answer:



63. During summer morning we will get

- A. cool breeze
- B. hot waves
- C. cool and hot waves
- D. thunder storms

Answer:



64. In summer if you are in coastal area, you feel

A. cool

B. sweaty

C. hot

D. sweaty and hot

Answer:



Watch Video Solution

65. The weather of Kolkata is

A. humid

B. mild

C. dry

D. cold

Answer:



Watch Video Solution

66. The weather of Rajasthan is

A. humid

B. mild

C. dry

D. cold

Answer:



Watch Video Solution

67. The following is effecting the life of human beings

A. Temperature

B. Rain

C. Wind speed

D. All the above

Answer:



Watch Video Solution

68. "Sky may be cloudy for the next two days".

It is

A. weather report

B. weather forecast

C. both A and B

D. none of the above

Answer:



Watch Video Solution

69. $42^{\circ}C$ maximum temperature recorded at Ramagundam it is a

A. weather report

B. weather forecast

C. both A and B

D. none of the above

Answer:



Watch Video Solution

70. Which of the following city has less humidity?

A. 1. Visakhapatnam

B. 2. Vijayawada

C. 3. Hyderabad

D. 4. Rajahmundry

Answer:



Watch Video Solution

71. How many years of average temperature and rainfall is considered as climate of a place

?

A. 10 years

B. 25 years

C. 30 years

D. 100 years

Answer:



Watch Video Solution

72. The quantity of water vapour in air is

A. rain

B. snow

C. hails

D. humidity

Answer:



Watch Video Solution

73. Rainfall of a particular place is expressed

in _____

A. centimeters

B. kilometers

C. grams

D. litres

Answer:



Watch Video Solution

74. Study of rainfall weather forecast is done by

A. Indian Meteoroids Department

B. Indian Geological Department

C. Indian Meteorological Department

D. None

Answer:



Watch Video Solution

75. In this place the weather is hot and dry

A. Bengaluru

B. Delhi

C. Kolkata

D. Rajasthan

Answer:



Watch Video Solution

76. We used this to measure the day temperature

A. Six maximum minimum thermometer

B. Anemometer

C. Clinical thermometer

D. Udometer

Answer:



Watch Video Solution

77. Which of the following statements regarding weather is incorrect?

A. It is highly unpredictable.

B. It is measured on a day-to-day basis.

C. It is measure of using factors like rainfall
and humidity

D. It remains the same throughout the
week or even a month

Answer:



Watch Video Solution

78. Which of the following statements
regarding humidity is correct ?

A. It is the amount of rain received by an area

B. It is the amount of moisture present in the air of a given area.

C. It is measured by determining the degree of heat of an area.

D. It is measured by determining the speed of wind in given area.

Answer:



Watch Video Solution

