

# ESSENCE TEST-10

DATE : 25-08-19

7TH CLASS

CBSE

WEATHER, CLIMATE & ADAPTATION

Mantra to get the best outcome.....

**Best**·solution  
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1. The instrument used to measure rainfall is called \_\_\_\_\_. [1]
2. When animals living in polar region go for a winter sleep, the term used for such adaptation is called \_\_\_\_\_. [1]
3. The weather reports are prepared by the \_\_\_\_\_ department of the Government. [1]
4. Red eyed frog has developed \_\_\_\_\_ on its feet to help it climb trees. [1]
5. Migratory birds travel as much as \_\_\_\_\_ km to escape the extreme climatic conditions at home. [1]
6. Moving air is called the \_\_\_\_\_. [1]
7. A cyclone is known as \_\_\_\_\_ in Philippines and Japan. [1]
8. An anemometer is used to measure the \_\_\_\_\_. [1]
9. The centre of a cyclone has low pressure with calm area, it is called the \_\_\_\_\_ of the storm. [1]
10. The word monsoon is derived from the Arabic word \_\_\_\_\_. [1]
11. Write True or False. [5]
  - (a) A car or bus is a safe place to take shelter during a storm accompanied by lightning.
  - (b) A thunderstorm is a dark funnel shaped cloud that reaches from the sky to the ground

- (c) In summer near the equator the land warms up faster.
- (d) The maximum temperature of the day occurs generally in early mornings.
- (e) Kerala suffers from very hot and wet climate.

12. Define the terms: [5]

- (a) Air pressure
- (b) Humidity
- (c) Tornado
- (d) Adaptation
- (e) Tropical region.

13. Name the elements that determine the weather of a place. [2]

14. Give any two differences between weather and climate. [2]

15. Is there any difference in the time of sunrise during summer and winter explain. [2]

16. Write any four safety measures which should be taken during cyclones. [2]

17. What are the destruction caused by cyclones? Explain in brief. [2]

18. Plot a graph between maximum temperature and the dates mentioned in the following table. [5]

Date	Maximum temperature
02-06-18 (Monday)	27
03-06-18 (Tuesday)	24.5
04-06-18 (Wednesday)	26.5

05-06-18 (Thursday)	25
06-06-18 (Friday)	24
07-06-18 (Saturday)	26

Answer the following question after plotting the graph observing it carefully.

- (a) Which day of the June month shows maximum temperature?
- (b) When does the minimum temperature recorded on a day?

19. Write any two adaptations for the following animals. [5]

- (a) Elephant
- (b) Polar bear
- (c) Monkeys
- (d) Camel
- (e) Penguin.



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