

MALAPPURAM EDUCATIONAL DISTRICT

CLASS:IX

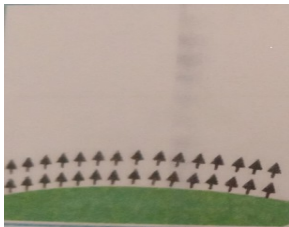
SOCIAL SCIENCE -2

UNIT :1

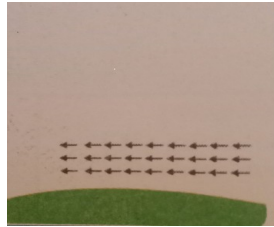
SUN : THE ULTIMATE SOURCE



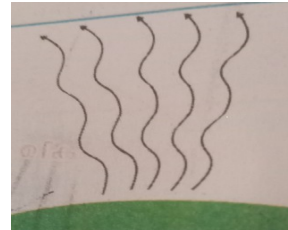
1. The given diagrams indicates the various heat transferring process of atmosphere. Observe the diagram and write their name.



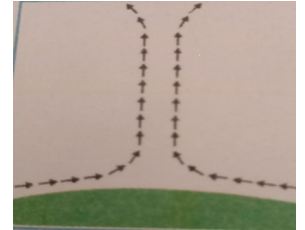
(A)



(B)



(C)



(D)

2. What is Heat budget?
3. Choose the correct answer.

A. Name the instrument used to measure atmospheric temperature?
(barometer, Thermo meter, Hygro meter)

B. The time which meteorologists measure the maximum temperature of a day?
(12 pm , 2 pm , 1 pm)

C. The imaginary lines connecting places having equal atmospheric temperature?

(Isobars , Thermal Equator , Isotherms)

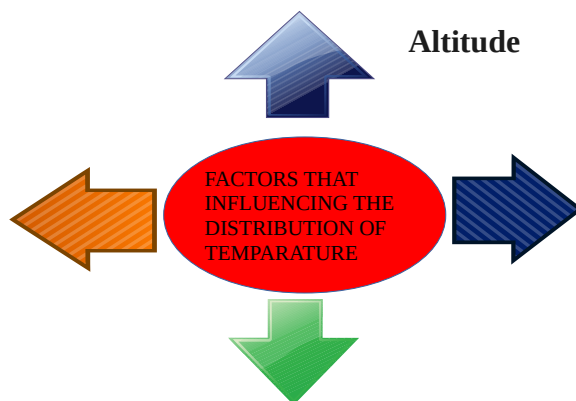
4. Following are the temperature status of Malappuram town on a particular day.

* Maximum temperature - 28°C

* Minimum temperature - 19°C

Find out Diurnal range and Daily mean temperature of Malappuram

5. Complete the wordsun based on the factors that influencing the distribution of temperature



6. Differentiate between

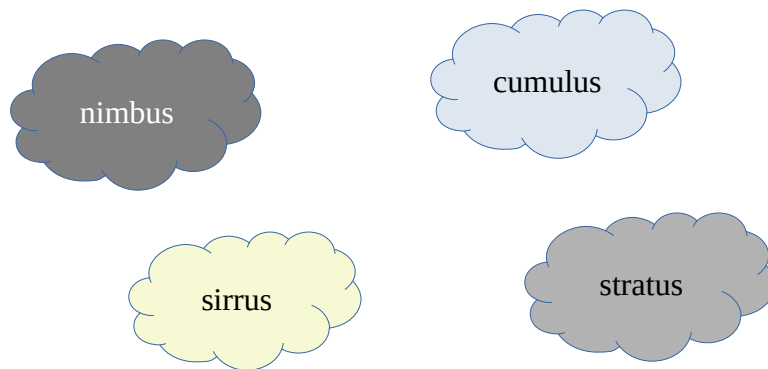
(a) Humidity , Absolute humidity

(b) Saturation level ,Dew point

7. Match the following based on the different forms of condensation

A	B
Fog	Seen in early morning
Cloud	Seen in places having the night temperature below 0°C
Frost	Winter season
Dew	Formed by the condensation of water vapour around the fine dust particles in the atmosphere

8. Select the correct answer on the basis of hints related to different types of clouds.



- a) Dark rain clouds
- b) Feather -like clouds
- c) Appear in thick layers in the lower part of the sky
- d) These clouds have large vertical extend

9. Rain are classified in to 3, based on their formation.

Names of the various rains are given below . Identify and write reason for formaton.

RAINS	REASON FOR FORMATION
Orographic rain	The moist air hitting on the mountain slope and leads to condensation
Conventional rain
Border rain

10. Illustrate the concept of orographic rainfall with the help of a diagram.

