

## Assignment No. 4

19

Q1 ⇒ what do you understand by wind.

Ans ⇒ The movement of air is called wind which is created by the pressure difference between two uneven heated places.

- Wind is air in motion and it derives energy from solar radiation.
- Wind energy is a clean, eco-friendly, safe and renewable source of energy.

\* Causes of wind ⇒ There are two causes of wind ⇒

i) Uneven heating of the earth's surface (local winds),

ii) The rotation of earth around its axis (Planetary winds).

1. Local winds ⇒ Local winds are caused by unequal heating and cooling of ground surfaces and water bodies in day and night i.e. lake, sea, desert etc.

2. Planetary winds ⇒

↳ Planetary winds are caused by the rotation of the earth about its axis and the combined effect of difference in temperature at equator and poles region.