

# Assignment 1

- Q1.** What is the significance of Carbon Dioxide and Ozone Gas in the atmosphere?
- Q2.** Water vapour is not evenly distributed in the atmosphere." Support this statement with three facts.
- Q3.** What differences you can record between the 4 different layers of the atmosphere?
- Q4.** Why the earth neither warms up nor does it get cooled over a period of time?
- Q5.** Study the Figure 9.1 in pg. 80 Summer Solstice and answer the following questions:
- At which latitude the days are longest?
  - At which latitude the nights are longest?
  - At which latitude day and nights are equal?
  - At which latitude the angle of sun rays at 90 degree?
  - At which latitude is the angle of sun rays at 0 degree?
- Q6.** Think why at the same latitude the insolation received is more over the continent than over the oceans?

**Complete this assignment in your notebooks. I will check it on Monday.**