

National Institute of Open Schooling
Senior Secondary Course- Geography
Lesson 11: Atmospheric Pressure and Winds
Worksheet-11

1. Define air pressure. How can we measure air pressure?
2. Describe the vertical distribution of air pressure with the help of an illustration.
3. Horizontal distribution of atmospheric pressure is not uniform. Explain the factors responsible for it.
4. Prepare a diagram showing pressure belts of the world.
5. What are the reasons behind the formation of low pressure belt on equator?
6. Differentiate between seasonal distribution of pressure in January and July.
7. How Coriolis force deflect the direction of winds? Explain with the help of appropriate graphics.
8. What are planetary winds? Describe with the help of an illustration.
9. Explain the changing patterns of summer & winter monsoon. Prepare a graphic showing the direction of winds in both Monsoons.
10. Differentiate between the following winds:
 - a. Land and Sea breeze
 - b. Mountain and Valley breeze.