

Give answers the following questions: (12)

- 1 What is the effect of depletion of fossil energy?
- 2 What is the limitation of improved technology?
- 3 What is the major cause of food shortages and malnutrition?
- 4 How can sufficient food supply be made possible for the future generation?
- 5 Do you also face shortage of water in your locality? Why?
- 6 Why are developing countries going to suffer more due to over population?

Translate into Urdu: (10)

- 1 Water is another critical item for all crops. Massive amount of water is required during the growing season for cultivation. In fact, agricultural production consumes more fresh water than any other human activity. In many countries, people are facing shortage of fresh water. Competition for water resources among individual, regions, and countries and associated human activities is already occurring with the current world population.
- 2 Fossil energy is another prime resource used for food production. Nearly 80 percent of the world's fossil energy is being used by the developed countries. The intensive farming technologies of the developed countries use massive amounts of fossil energy for fertilizers, pesticides, irrigation, and for machines as a substitute for human labor. In developing countries, fossil energy has been used primarily for fertilizers and irrigation to help maintain yields rather than to reduce human labour inputs.