

Give answers the following questions: (12)

- 1 What does the word “ depleted” mean?
- 2 What is the limitation of improved technology?
- 3 How is fossil energy a finite source?
- 4 What is the major cause of food shortages and malnutrition?
- 5 Do you also face shortage of water in your locality? Why?
- 6 What other word you can use to replace” optimum”?

Translate into Urdu: (10)

- 1 Certainly improved technology will assist in more effective management and use of resources, but it cannot produce an unlimited flow of those vital natural resources that are the raw materials for sustained agricultural production. For instance , fertilizers enhance the fertility of eroded soil, but humans cannot make topsoil. Indeed, fertilizers made from infinite fossil fuels are presently being used to compensate for eroded topsoil.
- 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 offer 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.