

Commercial Geography (English Medium) - ICOM Part 2 Commercial Geography Chapter 11 Short Questions Preparation

Q1. Write down major chemical elements required for use of plant during their vegetative growth ?

Ans 1: For best vegetative growth of plants, Nitrogen, Phosphorous, and Potassium are required in large amount.

Q2. Write down total annual production of potassic fertilizer in the world, and in how many countries this industry has established ?

Ans 1: Potash fertilizer is very vital for agriculture productivity, its production is limited in 19 countries of the world. It is produced in 26 countries, Canada, Russian Federation, Germany, Israel, Jordan, U.S.A, United Kingdom, China, Chile, Spain, Brazil and France are major potash fertilizer producing countries.

Q3. Write down major sources of nitrogenous fertilizer in the world ?

Ans 1: Nitrogenous fertilizer is most widely produced and most commonly used, type of chemical fertilizer. About 75 percent of nitrogen is now obtained from air, 20 percent is derived as by-product of coke oven plant in the form of ammonium gas, four-fifth of which is nitrogen; and the rest of 5 percent is obtained from sodium nitrate (mineral) from Chile.

Q4. For vegetative growth of plants, they require how many different chemicals elements ?

Ans 1: For best vegetative growth of plants, sixteen different chemical elements must be present for plant use in the soil

Q5. In 1840, the Von Leibig, first identified what basic need of plants ?

Ans 1: Von Leibig in 1840, first identified the minerals primarily necessary, for plant growth. They are 16 basic different elements (chemicals) and these elements must be present for plant use in adequate amount.

Q6. Write down raw material required for manufacturing phosphatic fertilizers ?

Ans 1: Phosphatic fertilizers are produced by single rock phosphate (mineral) as raw material.

Q7. Describe importance and need of chemical fertilizers for sustainable agriculture production ?

Ans 1: Plants need sixteen essential mineral elements to grow. Sufficient amount of these chemical elements is necessary for best vegetative growth of plants. With the increase of world population (80 million per year) need of food is also increasing. Therefore production of crops must be increased for increasing yield. There is only one option, use of fertilizer to increase the yield and total production of food crops. Fertilizers increase production, quality of food crops and also increase income of the farmers. Fertilizer increases fertility of the soil and fertility increases the production. In Pakistan plain region is best example, where water supply and fertilizer has increased the crop production.

Q8. How many countries produce phosphatic fertilizer, and write down important phosphate fertilizer producing countries ?

Ans 1: In the world 62 countries manufacture phosphate fertilizer, U.S.A, China, India, Russia, Federation, Brazil, Morocco, Tunesia, Australia, Poland, Spain, Japan, Lithuania, South Korea, New Zealand and Turkey are major countries which produce phosphate fertilizer.

Q9. Write down annual production of phosphate fertilizer in the world ?

Ans 1: Annual production of phosphate fertilizer is more than 55.592 million metric tons.

Q10. What type of human economic activity is chemical fertilizer industry ?

Ans 1: Industries are secondary economic activity of human beings. Therefore chemical fertilizer industry is Secondary Economic Activity.
