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 raw material required for manufacturing phosphatic fertilizers ?

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

Q3. In how many countries of the world fertilizer industry has been established ?

Ans 1: In the world 95 countries of world are producing different fertilizers, while total production of all type of fertilizers is 285.49 million metric tons. China, United States of America, Russian Federation, India, Canada, Trinidad and Tobago, Germany, Ukraine, Indonesia, Brazil, Belarus and Pakistan are major countries, which produce large amounts of fertilizers.

Q4. 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 for 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.

Q5. 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.

Q6. 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 corps. Fertilizers increase production, quality of food corps and also increase income of the farmers. Fertilizer increase fertility of the soil and fertility increase the production. In Pakistan plain region is best example, where water supply and fertilizer has increased the crop production.

Q7. Write down a brief account of Pakistan's fertilizer industry ?

Ans 1: In 1957 Pakistan established its first chemical fertilizer factory at Faisalabad. While second factory was installed in 1958 at Dawood Khel district Mianwali. Today, there are 19 fertilizer units operating in Pakistan. Pakistan ranks 10th in fertilizer production

in the world. Total production capacity of 19 factories in 8.983 million metric tons per annum.

Pakistan is self sufficient in nitrogenous fertilizers, but deficit in potassic and phosphate fertilizers.

Q8. In manufacturing potassic fertilizer rock potash salt and sulphuric acid is used as raw material, in which countries this raw material is found ?

Ans 1: Rock potash is found in Germany, France, Spain, U.S.A, Canada, Russian Federation, Belarus, Brazil, Peru, AzerbaiJan, China, Israel, Jordan, Italy, United Kingdom and Ukraine.

Q9. 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.

Q10. Write down how many countries of the world produce nitrogenous fertilizers ?

Ans 1: Nitrogenous fertilizers are annual production is more than 88 million metric tons.
