

Commercial Geography (English Medium) - ICOM Part 2 Commercial Geography Chapter 23 Short Questions Preparation

Q1. From one pound uranium equivalent how much coal, energy can be generated ?

Ans 1: From one pound uranium equivalent to 6000 metric tons of coal energy can be generated.

Q2. Write down annual production of uranium in the world ?

Ans 1: During 2015, annual production of uranium was 60,514 metric tons.

Q3. When French physicist Antonie Henri Becquerel demonstrated radioactive properties of uranium ?

Ans 1: Uranium's also active properties were first demonstrated in 1896.

Q4. When and who discovered uranium in the world ?

Ans 1: uranium was first discovered in 1789 A.D in pitchblende from by the German chemist Martin Heinrich Klaproth.

Q5. Write down uranium reserves in the world and name important countries of the world which possesses uranium ?

Ans 1: According to latest and careful estimate, the total uranium reserves in the world are 5.661 million metric tons (January 2015 estimates). Australia, Kazakhstan, Ukraine, Canada, South Africa, U.S.A, Russian Federation and Uzbekistan are big countries which possesses large uranium deposits. While Nigeria, Brazil, India, are other countries which possesses reasonable uranium deposits. Above mentioned countries possesses 91% uranium reserves of the world. Uranium deposits are spread over 39 countries of the world.

Q6. According to atomic weight, uranium reserves are divided in how many percentages ?

Ans 1: According to atomic weight, uranium 238 is most widely found and its reserves are 99.28 percent of the total reserves of the uranium, while uranium 235 reserves are only 0.71 percent of the total uranium, uranium 234 possesses only 0.01 percent reserves of the total reserves of uranium. Today only uranium 235 is being used because it can be used in nuclear reactor in its natural form.

Q7. When at commercial level energy generation started from uranium ?

Ans 1: After 1955, energy generation at commercial level started from uranium.

Q8. How many countries in the world, are using atomic research plants in different fields of research ?

Ans 1: Today, 284 atomic research plants are being used in 56 countries of the world.

Q9. Uranium is obtained from, which two mineral ores ?

Ans 1: Uranium never occurs naturally in the free state but is found as an oxide or complex salt in minerals such as pitchblende and carnotite.

Q10. Write down how much energy in kilowatts could be generated from one pound uranium ?

Ans 1: From one pound uranium 12 million kilowatts energy can be generated.
