

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

Q1. When French physicist Antonie Henri Bacquerel Clemonstrated radioactive properties of uranium ?

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

Q2. 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.

Q3. According to atomic weight, how many types of uranium is found ?

Ans 1: According to atomic weight, three forms of uranium is found, uranium 238, uranium 235 and uranium 234.

Q4. Describe uranium exporting countries of the world ?

Ans 1: Among uranium exporting countries Canada, Australia, Nigeria, Ukraine, Kazakhstan, Uzbekistan, South Africa, Czech Republic, Brazil and Namibia are important.

Q5. When at commercial level energy generation started from uranium ?

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

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. 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 pitchblende and carnotite.

Q8. Write down important uranium producing countries of the world ?

Ans 1: Canada, Australia, Russia, Kazakhstan and Nigeria produce 84 percent uranium of the total production of the world. Besides, Uzbekistan, South Africa, France, Ukraine, India and Pakistan are other countries which produce enough amount of uranium.

Q9. 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.

Q10. 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.
