

## Commercial Geography (English Medium) - ICOM Part 2 Commercial Geography Chapter 28 Short Questions Preparation

Q1. Until, December, 2015, how many percent electricity was being produced with the help of nuclear power plants & which was equal to how many percent of total production ?

**Ans 1:** Until Dec., 2015, about 10.9% of the total electricity was produced with the help of nuclear power plants, which was equivalent to about 5 percent of the total energy consumed in the world.

Q2. Write down major characteristic of uranium-235 ?

**Ans 1:** Uranium-235 has advantage over all other types of uranium because its can be directly used in the reactor, in its natural form.

Q3. Write down uranium reserves in the world ?

**Ans 1:** In the world, uranium reserves are about 5.66 million metric tons (5,660,833 Metric tons) and these are enough for next 89 years. Besides thorium deposits are three times more than uranium reserves.

Q4. How many nuclear power plants are working in the world ?

**Ans 1:** There are 450 nuclear power plants, producing electricity, Installed capacity of these power plants is 391,665 megawatts.

Q5. For producing nuclear energy which raw material is used ?

**Ans 1:** For producing nuclear energy uranium is being used, while Thorium can also be used for producing nuclear energy

Q6. How man ships in the world are being run with the help of atomic power ?

**Ans 1:** In the world, 150 ships are run with the help of 220 atomic power reactors.

Q7. In how many countries research reactors are being used ?

**Ans 1:** In the world, 56 countries are using reactors in the fields of medical science, agriculture, and other research fields. Their capacity is about one megawatts.

Q8. Worlds first nuclear power station was, where established and its generating capacity was how much ?

**Ans 1:** In 1950 decade (after 1955) first nuclear power was established in United States of America. Its installed capacity was 60 MW.

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Q9. Which country has maximum number of nuclear power plants and how much it have installed power of capacity ?

**Ans 1:** United States of America have 99 nuclear power plants. Their installed capacity is 99,535 megawatts. U.S.A met 19.5 percent electricity requirement from nuclear power plants, which is 25 percent of the world nuclear power produced of the world.

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Q10. To run one thousand megawatts nuclear power plant for one year, how much uranium is required ?

**Ans 1:** For one thousand megawatts nuclear power plant to run for a year, 153 metric tons uranium is required. For the same plant 2.5 million tons coal will be required.

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