

Geology and Human Health Connections

Geology · Answer Key · 8 Questions

1. Which mineral is commonly added to water supplies and toothpaste to help strengthen human tooth enamel?

- A) Quartz
- B) Fluorite**
- C) Feldspar
- D) Mica

2. What is the primary mineral component found in human bones and teeth?

- A) Calcite
- B) Apatite**
- C) Talc
- D) Gypsum

3. Which mineral substance, historically used in construction and insulation, is now known to cause serious lung diseases like asbestosis?

- A) Asbestos**
- B) Graphite
- C) Sulfur
- D) Magnetite

4. The human body requires small amounts of iron, a metal primarily extracted from which type of geological material?

- A) Sandstone
- B) Iron ore**
- C) Limestone
- D) Coal

5. Which mineral is used in the form of powder in baby powder and cosmetics to help absorb moisture and reduce friction on the skin?

- A) Topaz
- B) Diamond
- C) Talc**
- D) Corundum

6. Which element, found in the Earth's crust, is essential for the proper functioning of the human thyroid gland?

- A) Iodine**
- B) Gold
- C) Silver
- D) Platinum

7. What geological product is sometimes used in beauty treatments as a mud mask to help exfoliate and cleanse human skin?

- A) Coal
- B) Bentonite clay**
- C) Marble
- D) Granite

8. Excessive inhalation of dust containing which common mineral can lead to a lung condition known as silicosis?

- A) Halite
- B) Silica**
- C) Sulfur
- D) Gypsum