

Sub-Saharan Africa's Economic Leap: Critical Minerals, Digital Health & Agri-T

Economic Development · Answer Key · 5 Questions

1. What key economic opportunity is Sub-Saharan Africa leveraging due to its significant reserves of minerals like cobalt and lithium, driven by the global clean energy transition?

- A) Exporting raw materials to new global markets
- B) Developing advanced manufacturing industries for consumer electronics
- C) Shifting from raw material export to processing industries for higher value-added benefits**
- D) Focusing solely on fossil fuel extraction given current global demand

2. The digital health market in Sub-Saharan Africa is experiencing rapid growth. What is a primary driver for this expansion, especially considering the region's healthcare challenges?

- A) High prevalence of infectious diseases requiring constant monitoring
- B) A surge in medical tourism from developed nations
- C) High mobile penetration rates and the need to bridge healthcare infrastructure gaps**
- D) Abundant availability of highly specialized medical professionals in rural areas

3. Which agricultural technology is significantly boosting productivity and farmer incomes in Sub-Saharan Africa by enabling more harvests per season and better climate resilience?

- A) Traditional manual irrigation systems
- B) Genetically uniform single-crop farming
- C) Climate-smart bean varieties with faster maturation rates**
- D) Large-scale commercial pesticide development

4. How are mining operations in Sub-Saharan Africa increasingly integrating renewable energy solutions to address rising energy costs and unreliable power grids?

- A) By solely relying on expanded national grid connections
- B) Through the implementation of diesel-only backup generators
- C) By installing hybrid microgrids combining solar PV with energy storage**
- D) By reducing overall mining output to minimize energy consumption

5. Innovation is recognized as having a positive impact on economic complexity in Sub-Saharan Africa. Which country is frequently cited as a leading innovation hub within the continent, benefiting from a diversified innovation ecosystem and strong R&D intensity?

- A) Nigeria
- B) Kenya
- C) Ethiopia

D) South Africa