

BCM SCHOOL BASANT AVENUE LUDHIANA
CLASS - X SUBJECT - SOCIAL SCIENCE
Practice Assignment

Chapter - Minerals and Energy Resources

1. Assertion–Reason:

A: Minerals are exhaustible resources.

R: They take millions of years to form and cannot be renewed in a short time.

- a) Both A and R true, and R explains A
- b) Both A and R true, but R does not explain A
- c) A true, R false
- d) A false, R true

2. Which one of the following combinations is incorrectly matched?

- a) Balaghat – Manganese
- b) Zawar – Lead and Zinc
- c) Khetri – Copper
- d) Mayurbhanj – Bauxite

3. Choose Odd one out:

- a) Copper b). Bauxite
- c) Limestone d) Iron ore

4. How is energy a basic requirement for economic development? Explain.

5. A rural village in Rajasthan depends mainly on cattle dung and wood for energy. Assess how the introduction of a biogas plant would affect agricultural productivity, household health, and local ecology.

6. Minerals take millions of years to form. Explain why exploring new reserves alone cannot ensure their long-term availability. Suggest three measures to conserve mineral resources in India.

7. SOURCE BASED QUESTION

Conventional energy sources such as coal, petroleum, and natural gas are limited and non-renewable. Overuse has caused depletion and pollution. Non-conventional sources like solar, wind, geothermal, and tidal energy are cleaner and renewable. India is investing in non-conventional energy to ensure sustainable development.

Q(i). What do you mean by conventional sources of energy?

Q(ii). Why is there a shift from conventional to non-conventional sources of energy?

Q(iii). How can the use of non-conventional sources help India achieve sustainable development?