

CLASS 10 | GEOGRAPHY

CHAPTER 5 | PYQ

Minerals and Energy Resources

Contemporary India II
Minerals, power resources and conservation

METALS
IRON ORE

ENERGY
POWER

COAL
PETROLEUM

FREE
PDF

PYQ PDF | 2026-27 BOARD REVISION

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Class 10 Geography PYQ

Minerals and Energy Resources

Chapter 5 board-style practice pack for 2026-27 revision

Source note: The local chapterwise PYQ sheet has no Class 10 Geography worksheet. This PDF uses NCERT Chapter 5 themes and CBSE-style board practice prompts transparently. It is meant for chapter-wise revision before full-paper practice.

One-Mark and Two-Mark Checks

- Q1.** What are minerals? [one-mark practice]
- Q2.** Name one ferrous mineral and one non-ferrous mineral. [one-mark practice]
- Q3.** Why is conservation of minerals necessary? [one-mark practice]
- Q4.** Name two major iron ore belts of India. [one-mark practice]
- Q5.** Which mineral is used in the manufacture of aluminium? [one-mark practice]
- Q6.** Name one conventional and one non-conventional source of energy. [one-mark practice]
- Q7.** What is the main use of petroleum? [one-mark practice]
- Q8.** Why is solar energy suitable for many parts of India? [one-mark practice]

Three-Mark and Four-Mark Questions

- Q9.** Explain any three features of minerals as a resource. [three-mark practice]

Q10. Describe the distribution of iron ore in India with examples. [three-mark practice]

Q11. Why is coal called the most abundantly available fossil fuel in India? [three-mark practice]

Q12. Differentiate between conventional and non-conventional sources of energy. [three-mark practice]

Q13. Explain the importance of petroleum and natural gas in India. [three-mark practice]

Q14. Mention three measures for conserving minerals and energy resources. [three-mark practice]

Q15. Why should India promote renewable energy sources? [three-mark practice]

Five-Mark Long Answers

Q16. Minerals are unevenly distributed in India. Explain with suitable examples. [five-mark practice]

Q17. Describe the importance of minerals for industrial development. [five-mark practice]

Q18. Compare thermal power, hydroelectric power and non-conventional sources of energy. [five-mark practice]

Q19. Explain the environmental concerns linked with mining and energy use. [five-mark practice]

Q20. How can students write a balanced answer on mineral and energy conservation? [five-mark practice]

Case-Based Practice

Q21. A region has large iron ore reserves and nearby coal resources. Explain how this can support industrial growth. [case-based practice]

Q22. A state receives high solar radiation and has large open dry areas. Identify a suitable energy source and explain two advantages. [case-based practice]

Q23. A mining area faces land degradation and water pollution. Suggest conservation and management measures. [case-based practice]

Revision Grid

Topic	Must include	Common error to avoid
Mineral types	ferrous, non-ferrous, metallic and non-metallic examples	writing only definitions
Distribution	state or belt examples with the resource	listing states without resource names
Energy	coal, petroleum, gas, hydro, solar and wind uses	mixing source and form of power
Conservation	reduce waste, recycle, efficiency and renewables	writing only save resources

Answer Map for Quick Revision

1. For mineral questions, mention type, use and a location example.
2. For distribution questions, use belts or states instead of vague regions.
3. For energy questions, separate conventional and renewable sources clearly.
4. For conservation questions, connect the measure with scarcity or environmental damage.
5. For case-based questions, identify the resource clue first, then explain its importance.

Minerals and Energy PYQ Focus

Revise resources, regions, uses and conservation in one frame

Mineral Types

metallic, non-metallic, ferrous and non-ferrous minerals

Distribution

iron ore belts, bauxite, manganese and mica producing regions

Energy Sources

coal, petroleum, natural gas, hydroelectricity, solar and wind

Conservation

judicious mining, recycling, efficiency and renewable alternatives

Strong answers connect a resource with location, use and conservation.

Answer Map

1

Identify whether the question asks type, distribution, use, problem or conservation

2

Add region examples such as Odisha, Jharkhand, Chhattisgarh, Mumbai High or Digboi

3

Link minerals with industries and energy resources with power generation

4

Close with sustainable use, recycling or renewable energy when conservation is asked

Do not list resources only. Add location, use and reason.