

School: Bharatiya Vidya Bhavan's Narayan Bandekar School

Place: Goa

Name of Teacher: Mrs. Purnima V. Honavarkar

CLASS: X

TOPIC: MINERALS AND ENERGY RESOURCE

SUBJECT: GEOGRAPHY

LEARNING OUTCOMES: 1. The learner will be able to identify iron-ore belts in India.

2. The learner will understand the need for conservation of minerals

Typology: Statement Identification

1. Identify the iron ore belt in India from the following statements: 1 • *This belt lies in Chhattisgarh and Maharashtra.*

- *Very high-grade hematite is found in the famous Bailadila range of hills.*
- *The range of hills comprises 14 deposits of super high grade hematite iron ore.*
- *Iron ore from these mines is exported to Japan and South Korea via Visakhapatnam port.*

Options:

- a) Odisha-Jharkhand belt
- b) Durg-Bastar-Chandrapur belt
- c) Ballari-Chitradurga-Chickamagaluru-Tumkuru belt
- d) Maharashtra-Goa Belt

Ans. (b)

Typology: Identification

2. In which of the following states is the Kalpakkam Nuclear Power plant located? 1 a) Gujarat

- b) Kerala
- c) Punjab
- d) Tamil Nadu

Ans. (d)

Typology: Assertion and Reason

3. There are two statements given below, marked as Assertion (A) and Reason (R). Read the statements and choose the correct option. 1

Assertion (A): Odisha is the largest producer of manganese ores in India.

Reasoning (R) Nearly 10 kg of manganese is required to manufacture one tonne of steel.

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

Ans. (c)

Typology: Match the following

4. Which of the following is a correctly matched Pair? 1

Energy source	Example
A. Conventional	(I) Biogas
B. Non-Conventional	(II) Firewood
C. Conventional	(III) Natural Gas
D. Non-Conventional	(IV) Coal

Options:

- a) A- (I)
- b) B-(II)
- c) C-(III)
- d) D-(IV)

Ans. (c)

Typology: Choose the correct answer

5. Minerals need to be conserved because 1 (i) They are renewable
(ii) They are depleting rapidly
(iii) They are needed for country's industrial development
(iv) Their formation is very fast

Options:

- a) (i) and (ii)
- b) (ii) and (iii)

- c) (iii) and (iv)
- d) All of the above

Ans.(b)
