

Energy Requirement and Efficiency in India - Quiz

Q1. What is the primary source of energy in India?

- a) Solar
- b) Wind
- c) Coal
- d) Nuclear

Answer: c) Coal

Q2. Which sector consumes the most energy in India?

- a) Industrial
- b) Residential
- c) Transportation
- d) Agricultural

Answer: a) Industrial

Q3. What percentage of India's total energy consumption is met by renewable energy sources?

- a) 10%
- b) 20%
- c) 30%
- d) 40%

Answer: b) 20%

Q4. Which state in India is the leading producer of solar energy?

- a) Maharashtra
- b) Rajasthan
- c) Gujarat
- d) Tamil Nadu

Answer: c) Gujarat

Q5. What is the primary goal of India's National Solar Mission?

- a) To reduce coal dependency
- b) To promote solar manufacturing
- c) To achieve 100 GW of solar capacity by 2022
- d) To increase wind energy production

Answer: c) To achieve 100 GW of solar capacity by 2022

Q6. Which organization in India is responsible for energy efficiency and conservation?

- a) Ministry of Power
- b) Central Electricity Authority
- c) Bureau of Energy Efficiency (BEE)
- d) Indian Renewable Energy Development Agency (IREDA)

Answer: c) Bureau of Energy Efficiency (BEE)

Q7. What is the Energy Conservation Building Code (ECBC)?

- a) A code for improving industrial energy efficiency
- b) A guideline for reducing transportation energy use
- c) A code for improving energy efficiency in buildings
- d) A standard for renewable energy production

Answer: c) A code for improving energy efficiency in buildings

Q8. Which Indian program aims to distribute energy-efficient LED bulbs to households?

- a) UJALA
- b) Pradhan Mantri Ujjwala Yojana
- c) Saubhagya
- d) Kusum Scheme

Answer: a) UJALA

Q9. What is the main objective of the Perform, Achieve, and Trade (PAT) scheme in India?

- a) To promote renewable energy

b) To enhance energy efficiency in industries

c) To reduce transportation emissions

d) To subsidize electricity for rural areas

Answer: b) To enhance energy efficiency in industries

Q10. Which state in India has the highest installed capacity for wind energy?

a) Maharashtra

b) Karnataka

c) Tamil Nadu

d) Andhra Pradesh

Answer: c) Tamil Nadu



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