

Question bank for EEE

1. World Energy Needs are rising due to _____

- a. deforestation, b. increasing population and Industrialization, c. inflation, d. natural calamities

2. Which of the following is/are directly harming the atmosphere?

- a. Contamination of water bodies, b. Ozone layer depletion and emission of acidic gas, c. Global climate change and contamination of water bodies, d. Land fills and industrial emissions into water bodies

3. Which of the following energy sources is affected when energy crops compete with food production?

- a. Solar, b. Wind, c. Hydro, d. Biomass

4. Which part of a house receives majority of solar radiation?

- a. Roof, b. Side walls, c. Floor, d. Doors

5. Based on usability, Energy Resources are classified into _____

- a) primary, secondary and tertiary resources
b) primary and secondary resources
c) primary, secondary, intermediate and tertiary resources
d) primary, intermediate and secondary resources

6. Which of these is the major contributor to world pollution?

- a) Commercial resources
b) Non-Commercial Resources
c) Renewable Resources
d) Nuclear Energy

7. Which Oxides of Nitrogen are generated by burning of fossil fuel?

- a) NO and NO₂
b) NO₂, NO₃, and N₂O₅
c) N₂O₅ and N₂O₃
d) NO₃ and N₂O₅

8. Renewable energy-based power plants have _____

- a) negligible fuel cost

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b) low energy availability

c) negligible production capacity

d) fuel storage tanks

9. Explain energy conservation & methods to achieve it

10. Explain energy conservation in refrigeration's, furnaces, and fans

11. Explain solar water heating

12. Explain solar photovoltaics

13. Explain gas turbine power plant

14. Explain hydroelectric power plant

15. Explain steam turbine power plant

16. Draw a neat sketch & explain Nuclear power plant

17. Explain with neat sketch Ocean thermal energy

18. Explain with neat sketch tidal energy

19. Explain Both Fuel cell and MHD generator

20. Draw a neat sketch & explain Wind mills

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