



PHYSICS

BOOKS - PSEB

Sources of Energy

Exercise

1. A solar water heater cannot be used to get hot water on a :

A. a sunny day

B. a cloudy day

C. a hot day

D. a windy day

Answer:



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2. Which of the following is not an example of a bio-mass energy source?

A. wood

B. gobar-gas

C. nuclear energy

D. coal

Answer:



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3. Most of the sources of energy we use represent stored solar energy which of the

following is not ultimately derived from the sun's energy?

A. geothermal energy

B. wind energy

C. nuclear energy

D. bio-mass

Answer:



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4. compare and contrast fossil fuels and sun as sources of energy.



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5. Compare and contrast bio-mass and hydroelectricity as a source of energy



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6. What are the limitations of extracting energy from: the wind



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7. What are the limitations of extracting energy from: waves



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8. What are the limitations of extracting energy from:tides



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9. On what basis would you classify energy sources as:Renewable and non-renewable



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10. On what basis would you classify energy sources as:Exhaustible and inexhaustible



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11. What are characteristics of an ideal source of energy?



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12. What are the advantages and disadvantages of using a solar cooker? Are there places where solar cookers have limited utility?



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13. What are environmental consequences of the increasing demand for energy? What steps would you suggest to reduce energy consumption?





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