



PHYSICS

NCERT - NCERT PHYSICS(ENGLISH)

SOURCES OF ENERGY



1. What is good source of energy ?

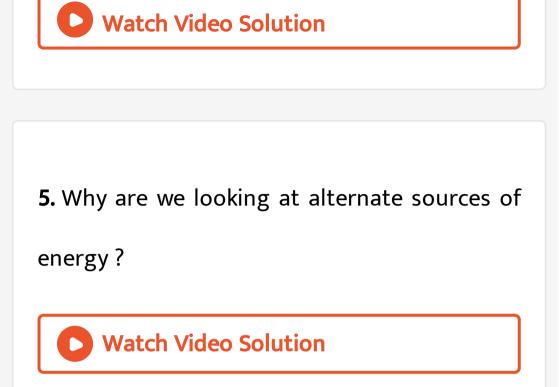
2. What is a good fuel ?



3. If you could use any source of energy for heating your food, which one would you use and why ?



4. What are the disadvantages of fossil fuels ?



6. How has the traditional use of wind and water energy been modified for our convenience ?

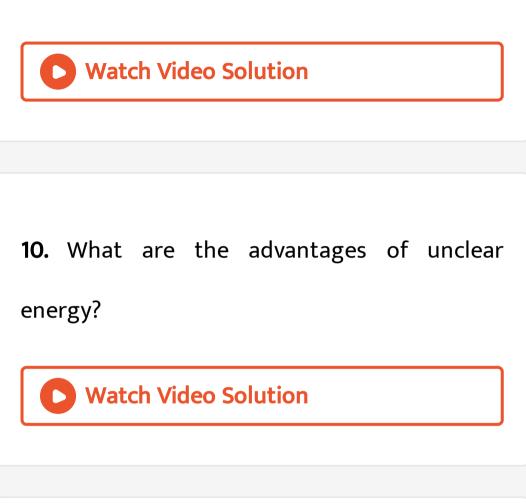
7. What kind of mirror-concave, convex or plane-would be best suited for use in a solar cooker ? Why ?



8. What are the limitations of enegry that can

be obtained from the oceans ?





11. Can any source of energy be pollution-free ?

Why or why not ?



12. Hydrogen has been used as a rocket fuel. Would you consider it a cleaner fuel *CNG* ? Why or why not ?

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13. Name two energy sources that you would consider to be renewable. Give reasons for your choices.

14. Give the names of two energy sources that you would consider to be exhaustible. Give reasons for your choices.

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15. A solar water heater cannot be used to get

hot water on :

(a) a sunny day

(b) a cloudy day

(c) a hot day

(d) a windy day.

A. a sunny day

B. a cloudy day

C. a hot day

D. a windy day

Answer: A::B::C::D



16. Which of the following is not an example of

bio-mass energy source ?

(a) wood

(b) gobar gas

(c) atomic energy

(d) coal.

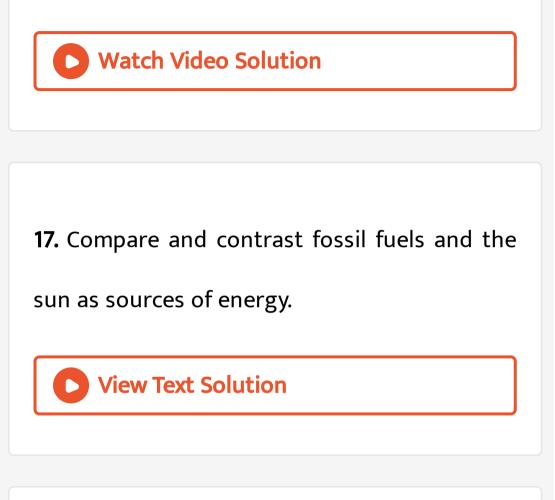
A. wood

B. gobar gas

C. nuclear energy

D. coal





18. Compare and contrast bio-mass and hydro-

electricity as sources of energy.



19. What are the limitations of extracting enegry from :

(a) the wind

(b) waves

(c) tides ?

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20. On what basis would you classify energy

sources as :

(a) renewable and non-renewable ?

(b) exhaustible and inexhaustible ?

Are the options gives in (a) and (b) the same ?

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21. What are the qualities on an ideal source of

energy?

22. What are the disadvantages of using a solar cooker ? Are there places where solar cookers would have limited utility ?



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



