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SUBJECT:- PHYSICS

CLASS:- XTH

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SUBJECT TEACHER:- MR. NEEL NIRANJAN

CHAPTER 3. SOURCES OF ENERGY (NCERT QUESTIONS)

1. What is a good source of energy?

Ans. The energy which is:-

- Easily available
- Should be cheap
- Does not produce pollution is said to be good source.

2. What is a good fuel?

Ans. A good fuel is one which is cheap, easily available, easy to handle, transport, has proper ignition temperature and high calorific value.

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

Ans. If sun's ,heat is accessible then solar cooker or else CNG because they generates less pollution.

4. What are the disadvantages of fossil fuels?

Ans. Disadvantages of fossil fuels are:

- (a) They are non-renewable resources
- (b) They cause pollution which can lead to
 - (i) Acid rain
 - (ii) Smoke
 - (iii) Green house effect due to CO₂
 - (iv) Fly ash suspended in air.

5. Why are we looking at alternate sources of energy?

Ans. The sources of energy we are using now is fossil fuel i.e., petrol and petroleum products, and coal which are exhaustible and non-renewable. The demand of energy is increasing due to increased population and better technology that has added many machines, appliances to add comfort to life style. Hence ,the. demand for energy is increasing day by day. To overcome this problem we are looking for alternate sources of energy.