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SUBJECT:- PHYSICS

CLASS:- XTH

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SUBJECT TEACHER:- MR. NEEL NIRANJAN

CHAPTER 3. SOURCES OF ENERGY(NCERT QUESTIONS & ANSWERS)

8. What are the qualities of an ideal source of energy?

Ans. he ideal source should have the following qualities:

1. should be cheap, easily available and easy to handle.
2. It can be transported easily.
3. It should have high calorific value.
4. It should have proper ignition. temperature.
5. It should not cause any environmental pollution.

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

Ans. Advantages of solar cooker:

- (a) It is cheap and easy to handle.
- (b) It does not need any fuel for cooking food.
- (c) It is pollution free.

Disadvantages of solar cooker:

- (a) It is very slow, takes long time for cooking.
- (b) It is dependent on sun's light, cannot work on cloudy day.
- (c) The reflectors position need to be monitored so as it reflects the sunlight at the central focused point of the solar cooker.

Yes-the places where sun's energy not sufficient, the use of solar cookers would be limited