

Case study

- Read the given passage and answer the following questions-

Geetu and Rama went to Dr.R.K Rao who works as a scientist. On their way to uncle's lab Geetu observed that no one has turned off their engines while waiting at the signals causing a lot of air and sound pollution. So she asks uncle about it. Uncle explains to them about how irresponsible nature of people is leading to the crisis in the high supply of non- renewable resources like petrol, diesel etc. Leading to increase in price of petrol and everything related. Rama asks for a solution from uncle, so uncle explains that for a new energy source to come and replace the old one it may take 50 to 100 years. So to think of the present is everyone's responsibility. We must come up with new ideas to make people aware.

1. Why was Rama concerned with what Dr R.K Rao said ?
2. Why do you think it takes so many years for a new energy or fuel source to replace old ones?
3. What are the causes of increase in the price of non renewable resources?
4. Differentiate renewable and non renewable resources? (Mention 5points).
5. For saving the non renewable resources what are we suppose to do? (Mention 1 point)
6. Among these which are renewable source of energy?
 - a. Coal, wood, petrol
 - b. Solar energy, wind energy, hydro energy
 - c. Solar energy, wind energy, kerosene
 - d. Wind energy, hydro energy, diesel