



ÉCOLE GLOBALE

INTERNATIONAL GIRLS' SCHOOL

Dehradun

HOLIDAY HOMEWORK - CLASS VIII

CHEMISTRY

Answer the following questions:

- a) What are the main stages in the formation of petroleum? How is the formation of petroleum similar to that of coal?
- b) Why petroleum is called fossil fuel?
- c) Why is it found between layers of rocks?
- d) How do we obtain petroleum?
- e) What does it contain?
- f) What are the properties of petroleum?
- g) Why is it a good fuel?
- h) Why petroleum is sometimes called black gold?
- i) What are the advantages of natural gas?
- j) What does natural gas contain?
- k) Why is it a better fuel?
- l) From where do we get natural gas to use?
- m) What is the main disadvantage of using natural gas? Why should it be used judiciously?
- n) What are the different components of petroleum? In which order are they obtained?
- o) What is the process of separating petroleum into fractions called? How is the refining of petroleum done?
- p) What are the uses of various fractions of petroleum?
- q) Why is fraction distillation used for refining petroleum?

- r) Why are sun, wind and water called alternative fuels?
- s) What is biomass? How can it be used as a source of energy?
- t) How does using biomass as a source of energy help reduce land and air pollution?
- u) What might be a drawback of using biomass as a source of energy?