



Subject : Bio/Chem Topic : Coal and Petroleum

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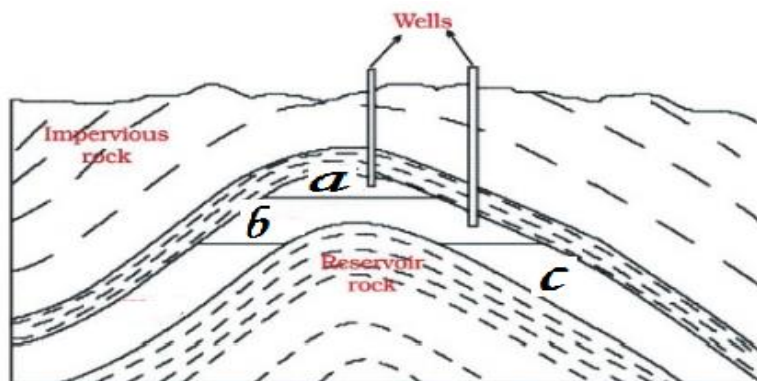
Date : 27-05-2019

Name of the Student : _____ Class & Division : VIII __

Roll Number : __

ANSWER THE FOLLOWING

- 1) What are fossil fuels? 1
- 2) Define Petroleum. 1
- 3) Why does oil float above water? 1
- 4) Why Petroleum is called 'black gold'? 1
- 5) What is Compressed Natural Gas (CNG) and why is it useful? 1
- 6) **Fill in the blanks:** 1*5
 - (a) Coal and Petroleum are formed from the dead remains of organisms and are known as _____
 - (b) The black thick liquid with _____ smell is known as coal tar.
 - (c) During the processing of coal to get coke, coal tar and _____ are also obtained.
 - (d) The process of separating the various constituents of petroleum is known as _____.
 - (e) Excessive burning of fossil fuels is a major cause of _____.
- 7) **State true or false:** 1*5
 - (a) Oxygen in air is an exhaustible natural resource.
 - (b) Resources which are present in unlimited quantity in nature are called exhaustible natural resources.
 - (c) Wildlife is an exhaustible natural resource.
 - (d) Under high temperature and pressure, dead plants get slowly converted to coal.
 - (e) CNG is less polluting fuel than petrol and diesel.
- 8) Identify the deposit found in layer a, b and c? Why is oil layer above water layer? 2



9) Multiple Choice Questions:

1*5

- (a) When an oil well is drilled through rocks, which of the following comes out first?
- (i) Coal gas (ii) Marsh gas
(ii) Natural gas (iv) Carbon dioxide
- (b) Identify the fuel that leaves more smoke and ash on burning.
- (i) Solid fuels (iii) Liquid fuels
(ii) Gaseous fuels (iv) None of them
- (c) What does gobar gas produced from animal and plant waste contain?
- (i) Ethane (ii) Propane
(iii) Methane (iv) Acetylene
- (d) In LPG cylinder, how is the gas liquified?
- (i) By increasing volume (ii) By increasing temperature
(iii) By applying high pressure (iv) By reducing pressure
- (e) Why is kerosene oil regarded more suitable than petrol in oil lamps?.
- (i) Kerosene is heavier (ii) Kerosene is less volatile
(iii) Kerosene is expensive (iv) Kerosene is more volatile.

- 10)** Why are top soil considered a non-renewable resource even though it is constantly being formed by weathering of rocks? 2

