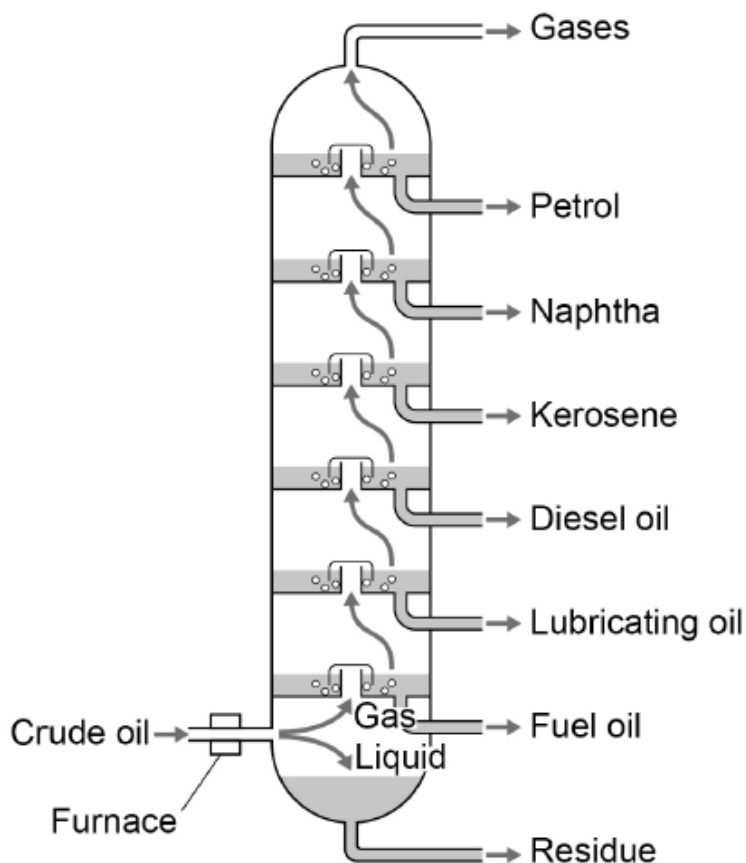


Introduction to organic chemistry – AS 2022 Chemistry P2

1. June/2022/Paper_7404/2/No.9

The diagram shows a fractionating column used in the industrial fractional distillation of crude oil.



Which statement is correct?

[1 mark]

- A** The most viscous product is fuel oil.
- B** The boiling point of naphtha is higher than diesel oil.
- C** Molecules in diesel oil are held together by hydrogen bonds.
- D** Kerosene is a mixture of compounds.

2. June/2022/Paper_7404/2/No.17

Which compound has the same empirical formula and molecular formula?

[1 mark]

A butane

B but-1-ene

C propane

D propene

Questions 18, 19 and 20

Methanol is made in this equilibrium reaction, using a catalyst.

