

(Carbon compounds as the basis of organic chemistry)

Q1.a)(2019)

a temperature between 400 (°C)  
and 500 (°C) inclusive

Q1.b)(2019)

(diesel oil has a) lower boiling  
point / range than heavy fuel oil

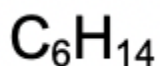
(but diesel oil has a) higher  
boiling point / range than  
kerosene

Q1.c)(2019)

any **two** from:

- (too) viscous
- not (very) flammable
- boiling point (too) high

Q1.d)(2019)



Q1.e)(2019)

high temperature

any **one** from:

- steam
- catalyst

Q1.f)(2019)

greater demand (for smaller molecules)

any **one** from:

(because smaller molecules are)

- more useful
- better fuels
- used to make alkenes
- used to make polymers

Q1.g)(2019)

