

(Atmospheric pollutants (carbon monoxide, sulfur dioxide, particulates, nitrogen oxides))

Q1. a). (2018)

incomplete combustion

(because) insufficient / limited
oxygen supply

Q1. b). (2018)

any **two** from:

- carbon monoxide toxic /
poisonous
- greater public concern /
awareness about pollution
- more cars so otherwise
there would be more carbon
monoxide entering
atmosphere
- improved engine technology
- catalytic converters have
been introduced

Q1. c). (2018)

any **one** from:

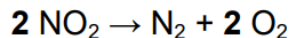
- (to reduce) health problems
- (to reduce) global dimming

Q1. d). (2018)

nitrogen (from atmosphere)
reacts with oxygen (from
atmosphere)

at high temperature (in engine)
or
with a spark (from spark plug)

Q2. (2018)



Q3. (2018)

any **two** from:

- acid rain
- respiratory problems
- carbon monoxide
- global dimming **or** smog

Q4. a). (2020)

incomplete combustion

(because of) insufficient oxygen

Q4. b). (2020)

sulfur reacts with oxygen to form
sulfur dioxide

(so) less sulfur dioxide emitted

(so) less acid rain

(so less) limestone reacts with
acid rain

Q5. (2020)

(car engines work at) high
temperatures

(so in the engine) nitrogen (from
air) reacts with oxygen (from air)

Q6 a). (2024)

high temperatures

(cause) nitrogen (from air) and
oxygen (from air) to react

Q6. b). (2024)

less climate change

(because) no carbon dioxide
(produced)

Q6. c). (2024)

more oxides of nitrogen
(produced)

(so) more acid rain

or

(so) more respiratory problems