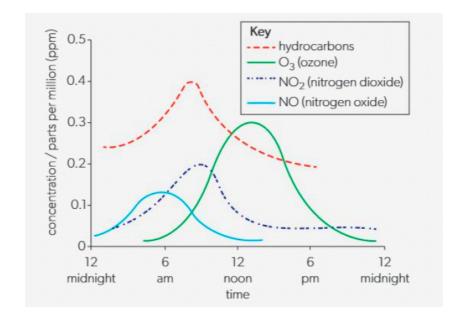
8.3.4 Photochemical Smog



- 1. Identify one primary pollutant from the pollutants shown in Figure 1. [1]
- 2. Outline why the pollutant named in (a) is referred to as a primary pollutant. [1]
- 3. Outline one reason why there is an increase in nitrogen oxides and hydrocarbons early in the day. [1]
- 4. Explain the changes in ozone concentration over the period shown in Figure 1. [3]

7. Outline the role of catalytic converters in reducing photochemical smog. [1]

- 5. State one environmental impact of the accumulation of ozone shown in Figure 1. [1]
- 6. Outline two local conditions that may increase the severity of photochemical smog. [2]

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