Level - 1	DTS-2
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- **11.(C)**  $NO_3^-$  when washed with soil acts as a fertilizer.
- **12.(C)**  $N_2 + O_2 \xrightarrow{1483 \text{ K}} 2\text{NO(g)}$

$$NO + O_2 \longrightarrow 2NO_2$$

In stratosphere,

$$NO + O_3 \longrightarrow NO_2 + O_2$$

- **13.(D)** Refer NCERT (oxides of nitrogen)
- **14.(B)** Hydrocarbons are formed by incomplete combustion of fuel used in automobiles.
- **15.(B)** Carbon monoxide in highly poisonous to living beings as it blocks the delivery of oxygen to organs.
- **16.(D)** CO combines with haemoglobin to form carboxy haemoglobin.
- **17.(D)** It is 300 times more stable than oxy-haemoglobin.
- **18.(D)** The oxygen deficiency results into headache, weak eyesight, nervousness and cardiovascular disorder.
- **19.(D)** Premature birth, spontaneous abortions and deformed babies are induced in pregnant women.
- **20.(C)** Refer NCERT (D) oxides of carbon