

Level - 1	DTS-4
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- 31.(A)** Minimise the use of automobile can reduce the rate of global warming.
- 32.(C)** Normal rain has pH of 5.6.
- 33.(D)** $\text{H}_2\text{O}(\ell) + \text{CO}_2(\text{g}) \rightleftharpoons \text{H}_2\text{CO}_3(\text{aq})$
 $\text{H}_2\text{CO}_3(\text{aq}) \rightleftharpoons \text{H}^+(\text{aq}) + \text{HCO}_3^-(\text{aq})$
- 34.(D)** When pH drops below 5.6, it is called acid rain.
- 35.(AB)** Oxides of sulphur and nitrogen are major contributors.
- 36.(A)** Aerosol particles of oxides or ammonium salts in rain drops result in wet deposition.
- 37.(B)** SO_2 is absorbed directly on both solid and liquid ground surfaces and is thus deposited as dry deposition.
- 38.(BCD)** Acid rain is not beneficial for agriculture trees & plants.
- 39.(C)** Both the statements are true.
- 40.(D)** $\text{CaCO}_3 + \text{H}_2\text{SO}_4 \longrightarrow \text{CaSO}_4 + \text{H}_2\text{O} + \text{CO}_2$