

Question 21 (7 marks)

Evaluate the impact of industrial sources of sulfur dioxide and nitrogen oxides on the environment, making use of appropriate chemical equations.

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The industrial sources of sulfur dioxide and nitrogen oxides such as NO , NO_2 & NO_x can cause significant negative impacts on the environment. ~~SO_2 and the effect of SO_2~~ The impact that SO_2 and nitrogen oxides can have ~~on~~ when released into the air, that could impact the environment, is that it could cause acid rain. ~~rain water~~ rain water usually has a pH level of around ~~7-7.5~~ ~~NO_2 &~~ SO_2 and ~~not~~ nitrogen oxides being released into the environment can cause the pH level of rain & the clouds to a pH level of 5-6.5 which is acidic and can even be corrosive to the skin. Acid rain can even endanger plant and animal environment due to the rain being acidic.

