

**Question 24** (5 marks)

Design an experiment that tests the effect of opening a window on the blood oxygen saturation level of the people in a room.

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Independent variable	..... <del>less</del> amount of oxygen .....
Control	..... <del>less</del> light .....
Variables to be kept constant and justification for keeping each constant.	Variable 1: temperature ..... Justification: the temperature must be ..... ..... constant so that all the people ..... ..... in the room have the same ..... ..... atmosphere ..... ..... ..... Variable 2: ..... Justification: ..... ..... ..... ..... .....
Technology used to measure oxygen saturation in blood	..... ..... .....