

16. Chemists must act ethically when conducting research. Which of the following statements relate to **ethical** behaviour?

- (i) Chemists calibrate all of their instruments with primary standards.
 - (ii) Chemists give due credit to all contributors to an investigation in their written reports.
 - (iii) Chemists record their experimental results accurately and without alteration to fit their prediction.
 - (iv) Chemists dispose of their waste materials carefully, especially those containing heavy metals.
 - (v) Chemists ensure that there is only one independent variable in every experiment they perform.
 - (vi) Chemists declare any conflict of interest relevant to their investigation.
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- (a) i, ii and iii only
 - (b) ii, iv and v only
 - (c) ii, iii, iv and vi only
 - (d) i, iii, iv, v and vi only