

10. Which of these statements regarding organic molecules are correct?

- (i) Organic molecules have hydrocarbon skeletons.
- (ii) Functional groups consist of groups of atoms or a particular type of bond.
- (iii) Functional groups influence the chemical properties of organic molecules.
- (iv) Functional groups influence the physical properties of organic molecules.

- (a) i and iii only
- (b) ii and iv only
- (c) i, ii and iii only
- (d) i, ii, iii and iv