

NCERT/CBSE CHEMISTRY CLASS 11 textbook

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CHAPTER TWELVE

ORGANIC CHEMISTRY – SOME BASIC PRINCIPLES AND TECHNIQUES

12.36 In the organic compound $\text{CH}_2 = \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{C} = \text{CH}$, the C2 – C3 bond is formed by the interaction of a pair of hybridized orbital

Least number will be given to double bond

- (a) $\text{sp} - \text{sp}^2$ (b) $\text{sp} - \text{sp}^3$
(b) **(c) $\text{sp}^2 - \text{sp}^3$** (d) $\text{sp}^3 - \text{sp}^3$

C2 – C3 bond is formed by the overlap of $\text{sp}^2 - \text{sp}^3$ orbital