



ORGOREVIEW

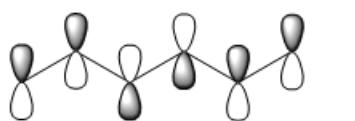
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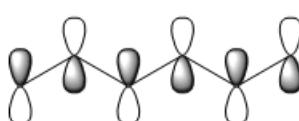
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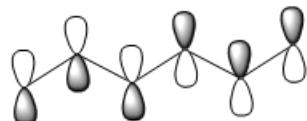
For the molecular orbital representations for 1, 3, 5-hexatriene shown (not shown in order of energy), which electronic transition is responsible for absorption of the longest wavelength of light?



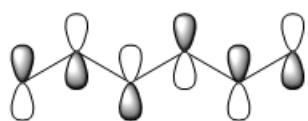
(i)



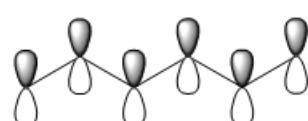
(ii)



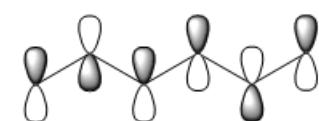
(iii)



(iv)



(v)



(vi)

(A) i to iv (B) iii to i (C) iv to vi (D) v to ii (E) v to iii (F) vi to ii

VIDEO SOLUTION

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