



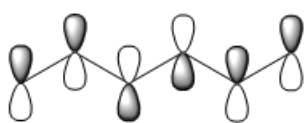
# ORGOREVIEW

## Question Vault

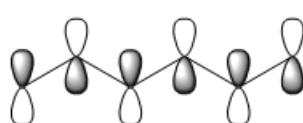
Welcome to orgoreview question vault. We have 5000 more problems for you to solve.

Share

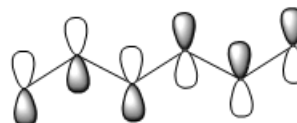
For the molecular orbital representations for 1, 3, 5-hexatriene shown (not shown in order of energy), which electronic transition is responsible for absorption of the longest wavelength of light?



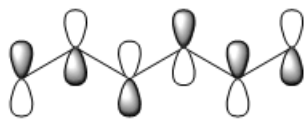
(i)



(ii)



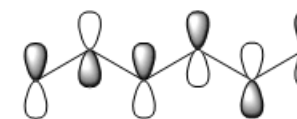
(iii)



(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



#### How to Reach Us

Todd's Test Prep  
2255 Glades Road  
Suite 324A  
Boca Raton, Florida 33431  
E-mail: [help@orgoreview.com](mailto:help@orgoreview.com)

#### Links

[Contact](#)

[Terms](#)

[Privacy Policy](#)

#### follow us



Copyright 2026. All Rights Reserved.