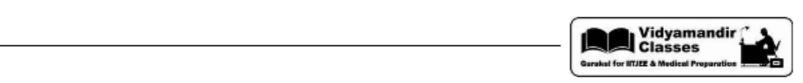
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- Give a chemical test and the reagents used to distinguish between cyclohexane and 28. (1991)cyclohexene.
- 29. Which one of the following has the smallest heat of hydrogenation per mole?
 - (A) 1-butene

trans-2-butene

(C) cis-2-butene

- (D) 1, 3-butadiene
- Addition of water to acetylene compounds is catalysed by_____ and _____. 30.

(1993)