



- 28.** Give a chemical test and the reagents used to distinguish between cyclohexane and cyclohexene. ▶ (1991)
- 29.** Which one of the following has the smallest heat of hydrogenation per mole ? ▶ (1993)
- | | |
|-------------------------|---------------------------|
| (A) 1-butene | (B) trans-2-butene |
| (C) cis-2-butene | (D) 1, 3-butadiene |
- 30.** Addition of water to acetylene compounds is catalysed by _____ and _____. ▶ (1993)