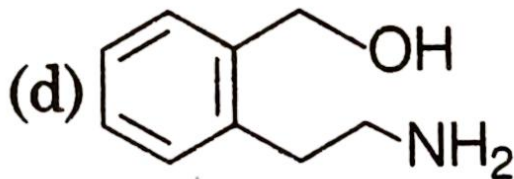
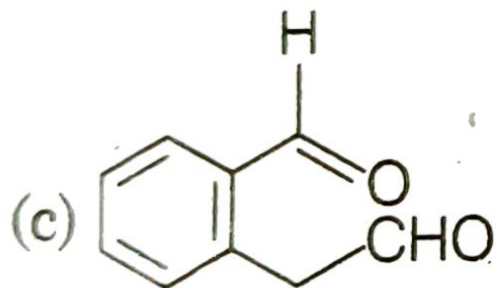
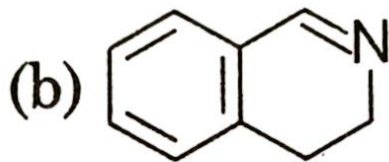
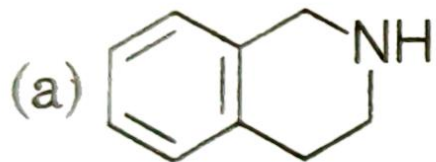
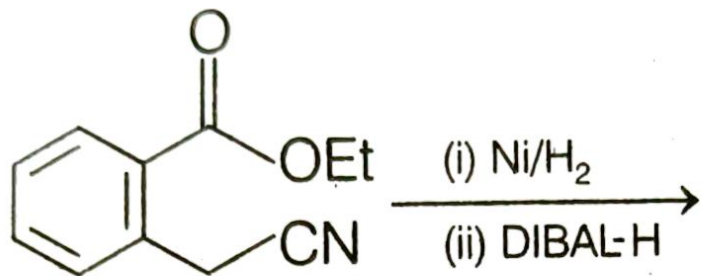


9. The major product of the following reaction is

(2019 Main, 11 Jan I)



9. Ni/H₂ can reduce —C ≡ N into —CH₂—NH₂ (1°-amine) but cannot reduce an ester group (—CO₂Et) whereas DIBAL-H, di-isobutylaluminium hydride, [(CH₃)₂CH]₂AlH reduces the ester group (—CO₂Et) into —CHO (an aldehyde) and C₂H₅OH.

