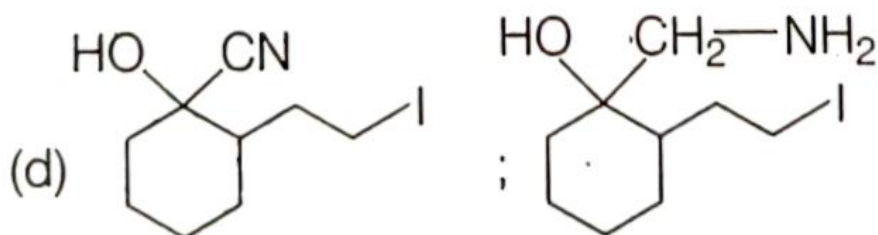
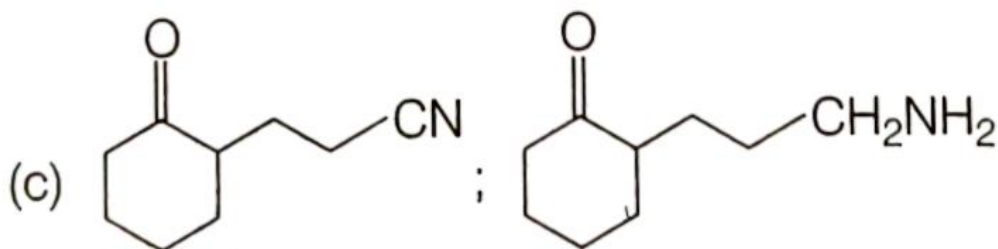
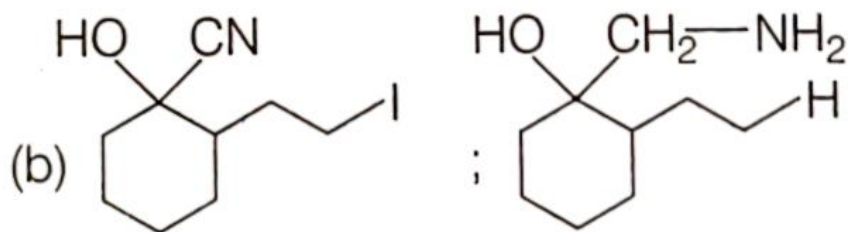
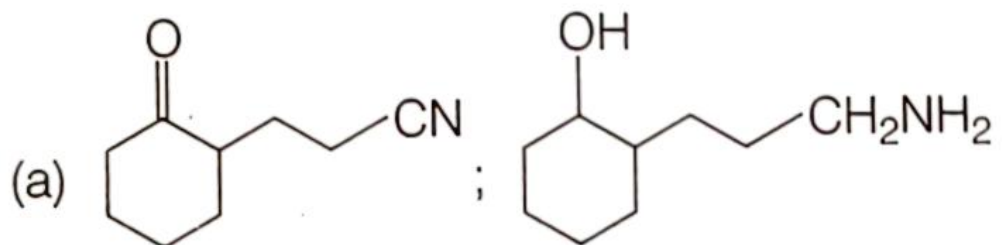
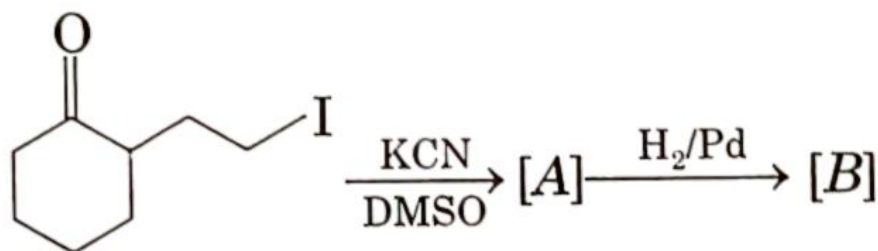
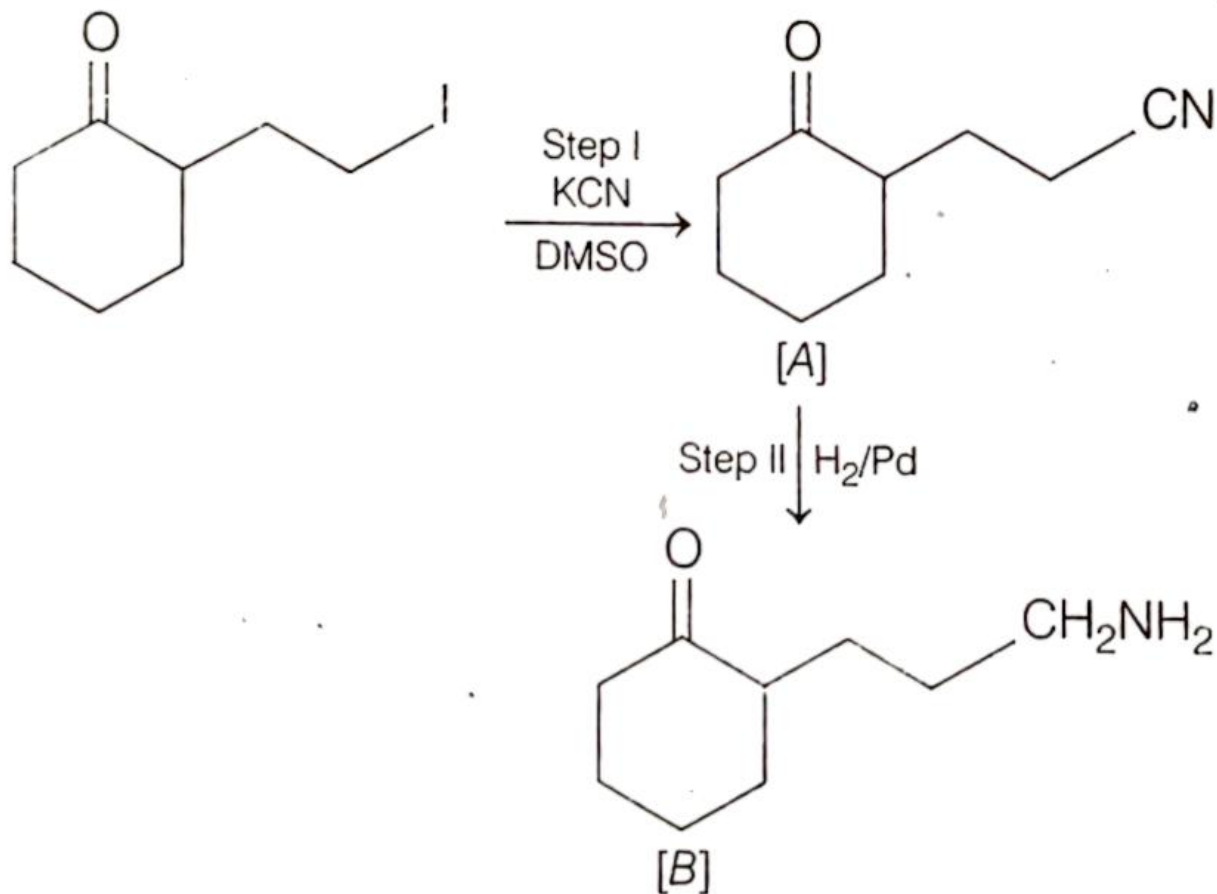


4. The major products *A* and *B* for the following reactions are, respectively  
(2019 Main, 9 April II)



4.



**Step I** involves the nucleophilic substitution reaction in which I (Iodine) is substituted by — CN group. **In step II**, H<sub>2</sub>/Pd reagent is used for reduction process. Here, — CN group reduces itself to —CH<sub>2</sub>NH<sub>2</sub>.