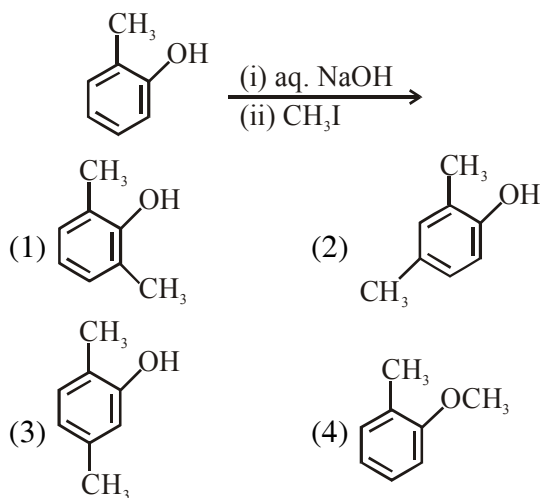
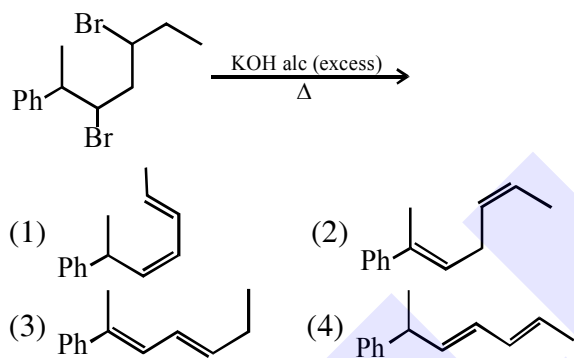


**ALKAYLE HALIDE**

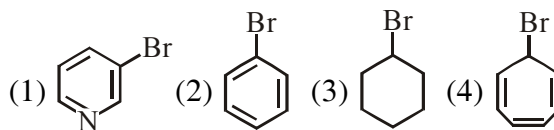
1. The major product of the following reaction is:



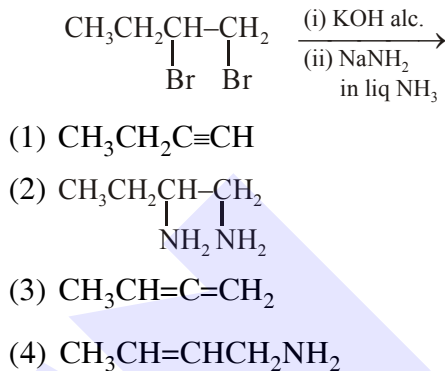
2. The major product of the following reaction is



3. Which of the following compounds will produce a precipitate with  $\text{AgNO}_3$  ?



4. The major product of the following reaction is:



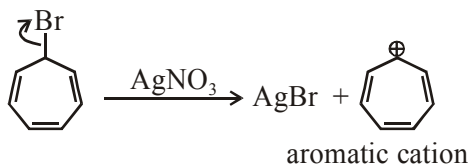
## SOLUTION

1. Ans. (4)

2. Ans.(3)

Example of E<sub>2</sub> elimination and conjugated diene is formed with phenyl ring in conjugation which makes it very stable.

3. Ans. (4)



as it can produce aromatic cation so will produce precipitate with AgNO<sub>3</sub>.

4. Ans. (1)

