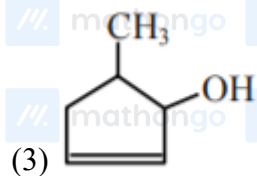
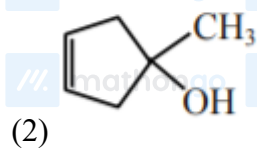
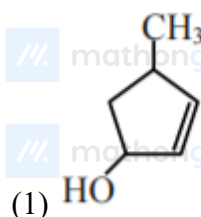
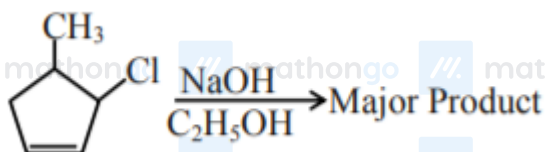


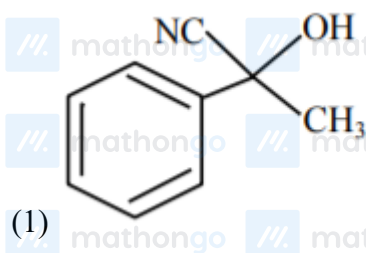
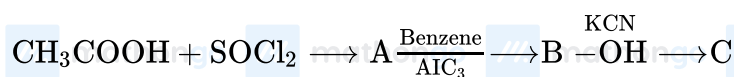
## Q1 2021 (31 Aug Shift 2)

The major product of the following reaction is :



## Q2 2021 (31 Aug Shift 1)

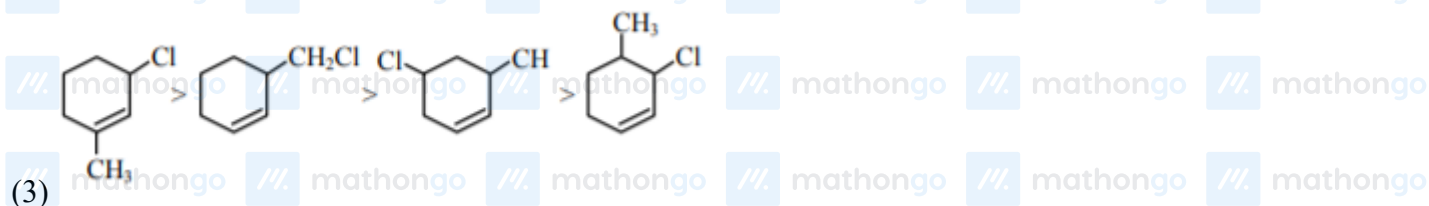
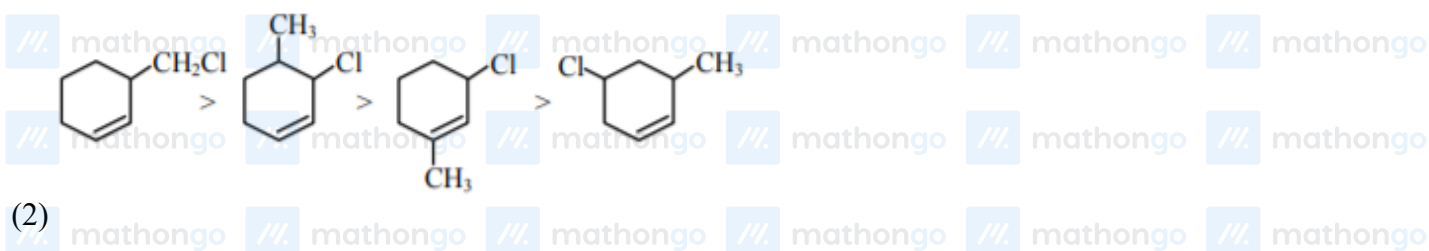
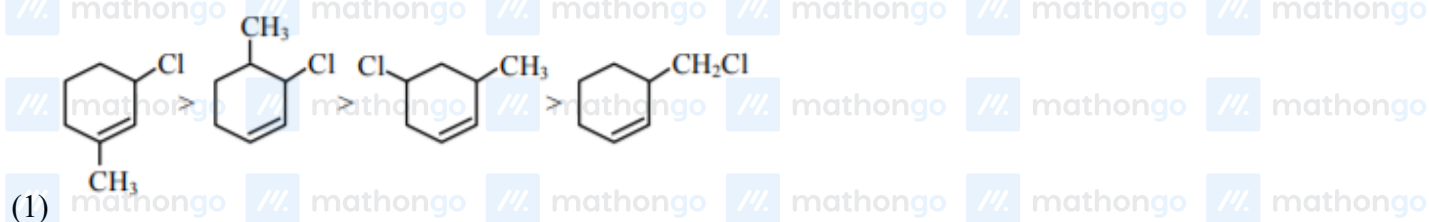
The structure of product C, formed by the following sequence of reactions is :

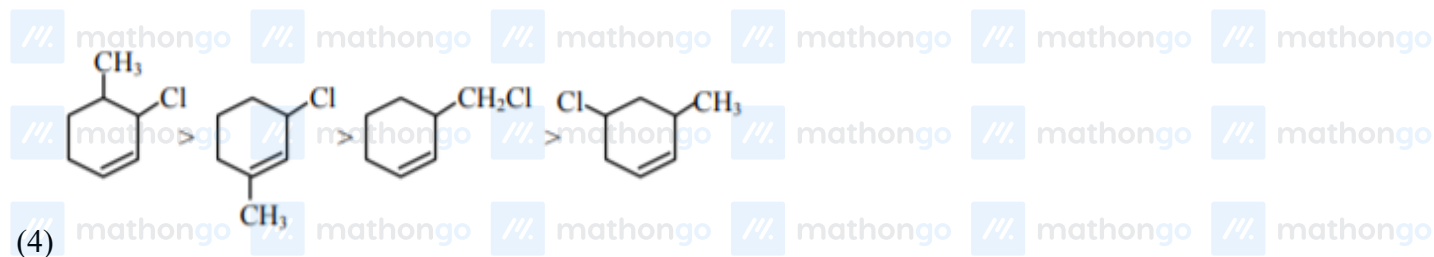




## Q3 2021 (31 Aug Shift 1)

The correct order of reactivity of the given chlorides with acetate in acetic acid is :





## Q4 2021 (27 Aug Shift 1)

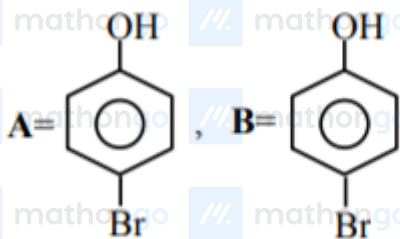
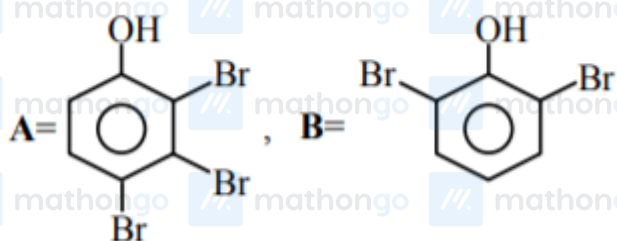
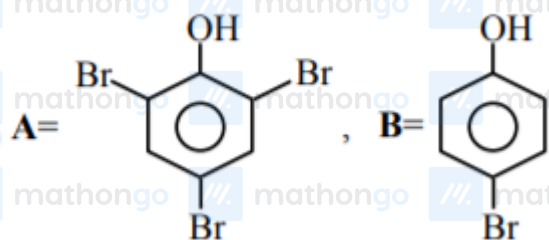
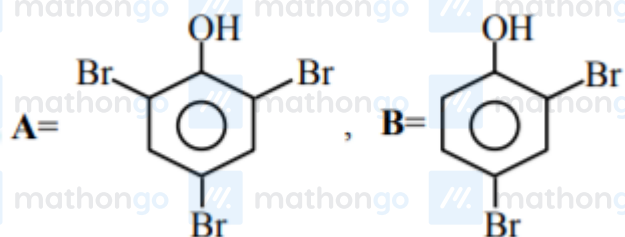
In the following sequence of reactions the P is :



## Q5 2021 (26 Aug Shift 1)

The correct options for the products **A** and **B** of the following reactions are :





**Answer Key**

Q1 (3)

Q2 (1)

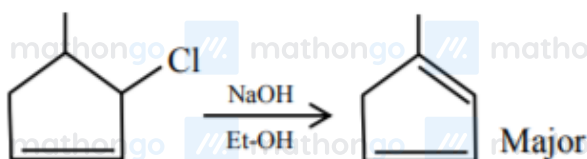
Q3 (1)

Q4 (1)

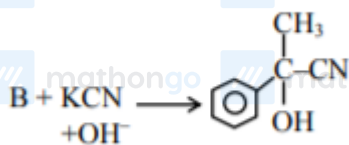
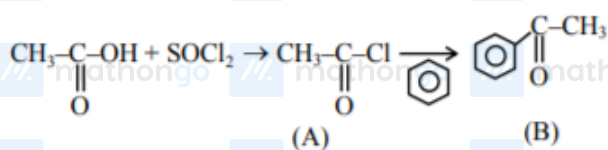
Q5 (2)

Q1 (3)

NaOH + EtOH is known as alcoholic NaOH, so it give E<sup>2</sup> reaction with given alkyl halide.



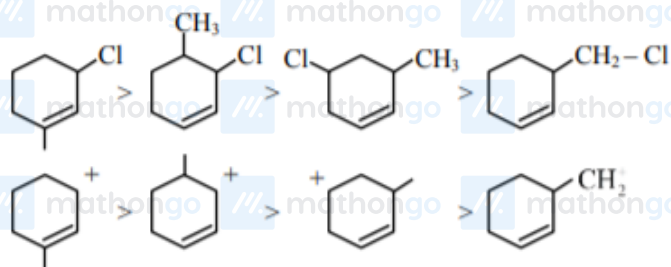
Q2 (1)



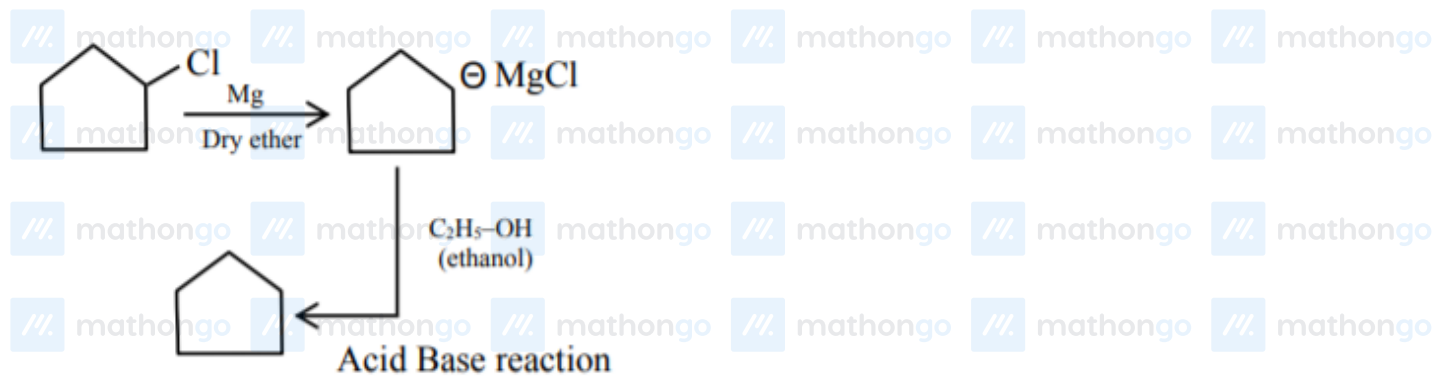
Q3 (1)

As it is example of SN<sup>1</sup>.

so carbocation stability ↑, reaction rate ↑



Q4 (1)



Q5 (2)

