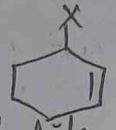
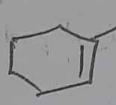
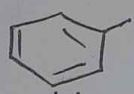
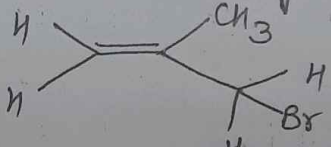
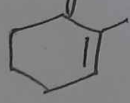
Weekly Test, 2024 (30th August)
Class - XII Chemistry
Topic - Haloalkanes Preparation, Physical Properties, S_N Rxns.

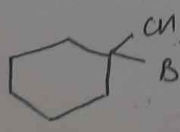
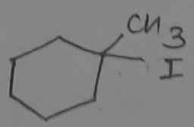
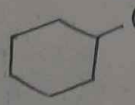
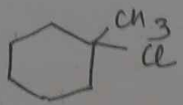
Time :- 1 hour M. Marks - 25

1. Write the structure of following :- (1X2 = 2)
   (a) 3- Bromo - 2- methyl prop-1-ene
   (b) 2, 4 - dinitrochlorobenzene

2. (i) Out of  and , which is an example of allylic halide ?
   (ii) Out of  and , which is an example of a benzylic halide ? (1X2 = 2)

3. Write the IUPAC name of following compounds :- (1X2 = 2)
   (i) 
   (ii) 

4. Write down the structure of the product of the following reactions :-
   (i) 3- Methyl-1-butene $\xrightarrow{HBr}$?
   (ii)  $\xrightarrow{HCl/Peroxide}$?
   (iii) $CH_3-CH_2-Br \xrightarrow{AgCN}$? (1X3 = 3)

5. Predict the order of reactivity of the following compound in S_N1 rxn. :-
   (i) , 
   (ii) , 

   Also write reason. (1X2 = 2)