

PYQSide

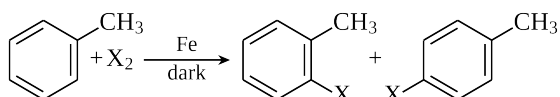
NEET HALOALKANES AND HALOARENES — PREPARATION OF HALOARENES — PYQS

Max. Marks: 16

Questions: 4

Section A (MCQ)

Q.1 The following reaction method



is not suitable for the preparation of the corresponding haloarene products, due to high reactivity of halogen, when X is :

[RE-NEET (UG) 2024]

- (1) F (2) I (3) Cl (4) Br

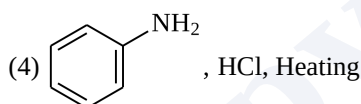
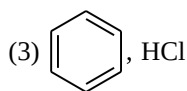
Scan or tap for the full solution



Q.2 Which of the following sequence of reactions is suitable to synthesize chlorobenzene?

[NEET (UG) 2022]

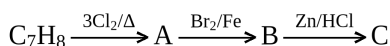
- (1) Benzene, Cl_2 , anhydrous FeCl_3
 (2) Phenol, NaNO_2 , HCl , CuCl



Scan or tap for the full solution



Q.3 The compound C_7H_8 undergoes the following reactions :



The product 'C' is

[NEET 2018]

- (1) m-bromotoluene
 (2) o-bromotoluene
 (3) 3-bromo-2,4,6-trichlorotoluene
 (4) p-bromotoluene

Scan or tap for the full solution



Q.4 The reaction of toluene with Cl_2 in presence of FeCl_3 gives X and reaction in presence of light gives Y. Thus, X and Y are

[AIPMT 2010 (Prelims)]

- (1) X = Benzal chloride, Y = o-chlorotoluene
 (2) X = m-chlorotoluene, Y = p-chlorotoluene
 (3) X = o- and p-chlorotoluene, Y = Trichloromethyl benzene
 (4) X = Benzyl chloride, Y = m-chlorotoluene

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4							
Ans.	1	1	1	3							