

JEE MAIN HALOALKANES AND HALOARENES — NUCLEOPHILIC AND ELECTROPHILIC SUBSTITUTION IN HALOARENES — PYQS

Max. Marks: 16

Questions: 4

Section A (MCQ) — 4 questions

Q.1 Identify the correct statements :

The presence of $-\text{NO}_2$ group in benzene ring

- A. activates the ring towards electrophilic substitutions.
- B. deactivates the ring towards electrophilic substitutions.
- C. activates the ring towards nucleophilic substitutions.
- D. deactivates the ring towards nucleophilic substitutions.

Choose the correct answer from the options given below :

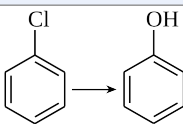
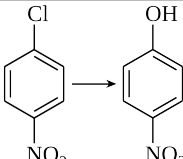
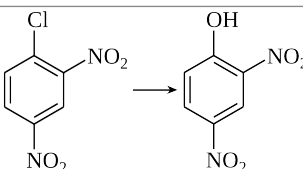
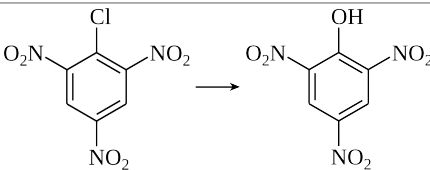
[JEE Main 2026 (Online) 28th January Evening Shift]

- (1) A and D Only (2) B and D Only
- (3) C and A Only (4) B and C Only

Scan or tap for the full solution



Q.2 Match List - I with List - II.

List - I Conversion	
A.	
B.	
C.	
D.	
List - II Reagents, Conditions used	
I.	Warm H_2O

List - II Reagents, Conditions used	
II.	(a) NaOH , 368 K; (b) H_3O^+
III.	(a) NaOH , 443 K; (b) H_3O^+
IV.	(a) NaOH , 623 K, 300 atm; (b) H_3O^+

Choose the **correct** answer from the options given below : [JEE Main 2025 (Online) 7th April Evening Shift]

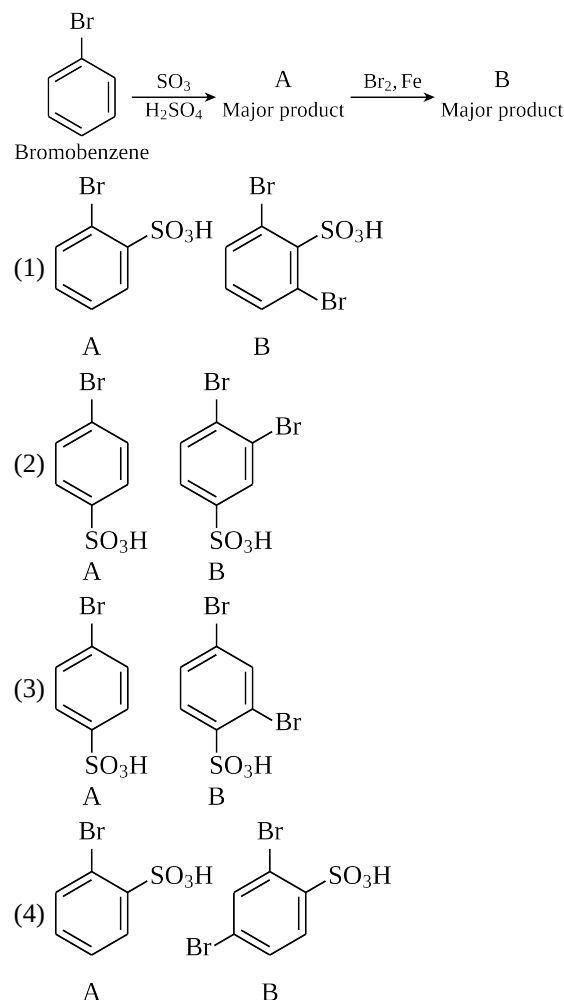
- (1) A-II, B-III, C-I, D-IV (2) A-III, B-IV, C-II, D-I
- (3) A-IV, B-III, C-I, D-II (4) A-IV, B-III, C-II, D-I

Scan or tap for the full solution



Q.3 In the following series of reactions identify the major products A & B respectively :

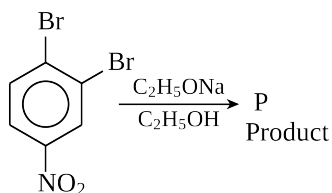
[JEE Main 2025 (Online) 3rd April Evening Shift]



Scan or tap for the full solution

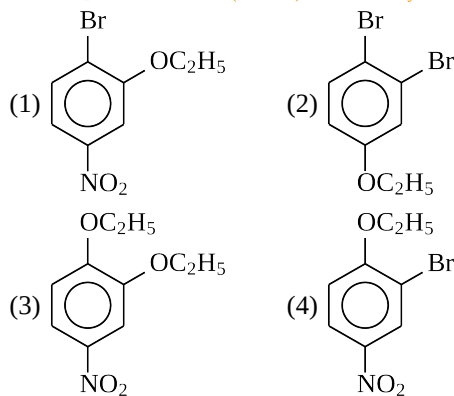


Q.4 In the following substitution reaction :



Product 'P' formed is :

[JEE Main 2025 (Online) 29th January Morning Shift]



Scan or tap for the full solution



ANSWER KEY

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