

PYQSide

JEE MAIN ALCOHOLS, PHENOLS AND ETHERS — REACTIONS OF ALCOHOLS AND PHENOLS INVOLVING CLEAVAGE OF O–H BOND — PYQS

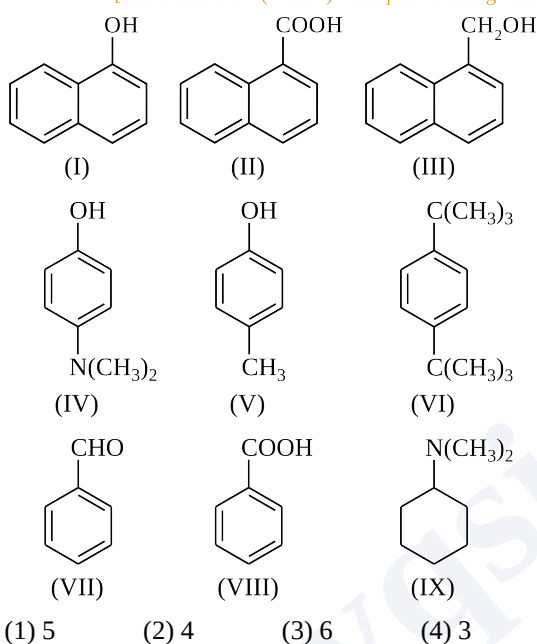
Max. Marks: 12

Questions: 3

Section A (MCQ)

Q.1 Amongst the following, the total number of compounds soluble in aqueous NaOH at room temperature is:

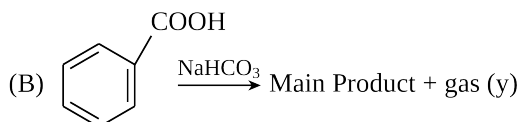
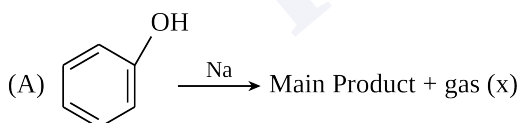
[JEE Main 2026 (Online) 4th April Morning Shift]



Scan or tap for the full solution



Q.2 Consider the following two reactions A and B.



Numerical value of [molar mass of x + molar mass of y] is _____

[JEE Main 2026 (Online) 24th January Morning Shift]

- (1) 46 (2) 160 (3) 88 (4) 4

Scan or tap for the full solution



Q.3 A hydroxy compound (X) with molar mass 122 g mol^{-1} is acetylated with acetic anhydride, using a large excess of the reagent ensuring complete acetylation of all hydroxyl groups. The product obtained has a molar mass of 290 g mol^{-1} . The number of hydroxyl groups present in compound (X) is:

[JEE Main 2026 (Online) 24th January Morning Shift]

- (1) 2 (2) 4 (3) 3 (4) 5

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3											
Ans.	1	1	2											