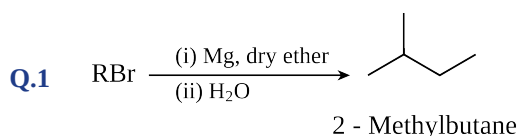


JEE MAIN HALOALKANES AND HALOARENES — REACTION OF HALOALKANES AND HALOARENES WITH METALS — PYQS

Max. Marks: 12

Questions: 3

Section A (MCQ) — 2 questions



The maximum number of RBr producing 2-methylbutane by above sequence of reactions is _____. (Consider the structural isomers only)

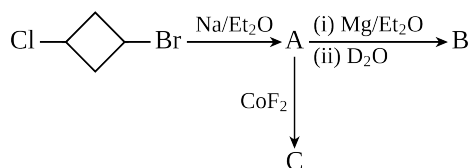
[JEE Main 2025 (Online) 22nd January Evening Shift]

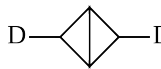
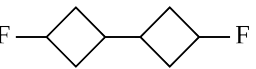
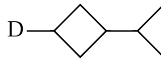
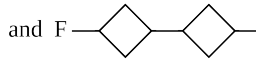
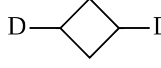
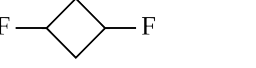
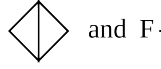
- (1) 5 (2) 3 (3) 4 (4) 1

 Scan or tap for the
full solution


Q.2 In the following sequence of reactions, the major products B and C respectively are :

[JEE Main 2024 (Online) 9th April Morning Shift]



- (1)  and 
 (2)  and 
 (3)  and 
 (4)  and 

 Scan or tap for the
full solution


Section B (Numerical) — 1 question

Q.3 RMgI when treated with ice cold water liberated a gas which occupied 1.4 dm³/g at STP. The gas produced is further reacted with iodine in presence of HIO₃ to give compound (X). Compound (X) in presence of Na and dry ether produced compound (Y). Molar mass of compound (Y) is _____ g mol⁻¹. (Nearest integer)

[JEE Main 2026 (Online) 5th April Evening Shift]

 Scan or tap for the
full solution


ANSWER KEY

Section A (MCQ) — 2 questions

Ques.	1	2									
Ans.	3	2									

Section B (Numerical) — 1 question

Ques.	3										
Ans.	30										