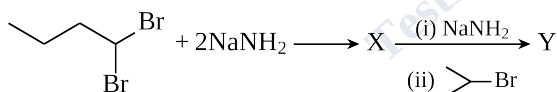


JEE MAIN HYDROCARBONS — PREPARATION OF ALKYNES — PYQS
Max. Marks: 8
Questions: 2
Section A (MCQ) — 2 questions
Q.1 Consider the following reaction :


The product Y formed is :

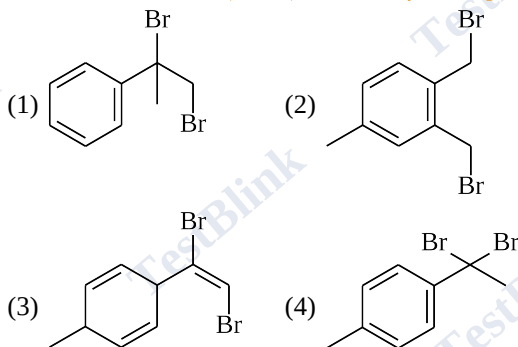
[JEE Main 2026 (Online) 22nd January Evening Shift]

- (1) 2-methylhex-3-yne (2) 5-methylhex-2-yne
 (3) Isopropylbut-1-yne (4) 2-methylhex-2-yne

 Scan or tap for the
full solution


Q.2 The dibromo compound [P] (molecular formula: $\text{C}_9\text{H}_{10}\text{Br}_2$) when heated with excess sodamide followed by treatment with dilute HCl gives [Q]. On warming [Q] with mercuric sulphate and dilute sulphuric acid yields [R] which gives positive Iodoform test but negative Tollens' test. The compound [P] is :

[JEE Main 2026 (Online) 22nd January Evening Shift]


 Scan or tap for the
full solution

ANSWER KEY

Ques.	1	2								
Ans.	1	4								