

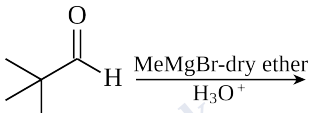
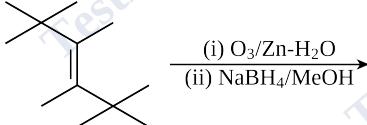
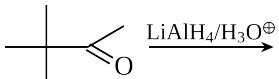
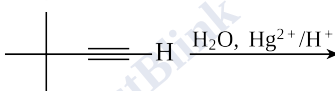
JEE MAIN ALCOHOLS, PHENOLS AND ETHERS — PREPARATION OF ALCOHOLS — PYQS

Max. Marks: 8

Questions: 2

Section A (MCQ) — 2 questions

Q.1 3,3-Dimethyl-2-butanol cannot be prepared by :

- A. 
- B. 
- C. 
- D. 
- E. 

Choose the correct answer from the options given below :

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

- (1) B and E Only (2) B, C and E Only
 (3) B and C Only (4) B Only

Scan or tap for the full solution



Q.2 An organic compound (X) with molecular formula C_3H_6O is not readily oxidised. On reduction it gives C_3H_8O (Y) which reacts with HBr to give a bromide (Z) which is converted to Grignard reagent. This Grignard reagent on reaction with (X) followed by hydrolysis gives 2,3-dimethylbutan-2-ol. Compounds (X), (Y) and (Z) respectively are:

[JEE Main 2025 (Online) 4th April Morning Shift]

- (1) CH_3CH_2CHO , $CH_3CH_2CH_2OH$, $CH_3CH_2CH_2Br$
 (2) CH_3COCH_3 , $CH_3CH(OH)CH_3$, $CH_3CH(Br)CH_3$
 (3) CH_3COCH_3 , $CH_3CH_2CH_2OH$, $CH_3CH(Br)CH_3$
 (4) CH_3CH_2CHO , $CH_3CH=CH_2$, $CH_3CH(Br)CH_3$

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2									
Ans.	1	2									