

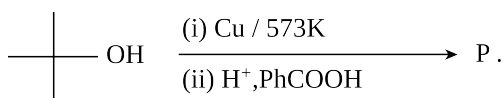
JEE MAIN ALCOHOLS, PHENOLS AND ETHERS — REACTIONS OF ALCOHOLS INVOLVING CLEAVAGE OF C–O BOND — PYQS

Max. Marks: 12

Questions: 3

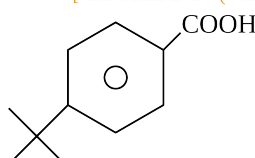
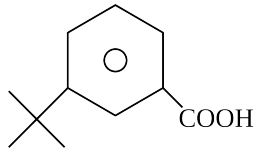
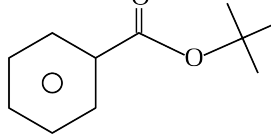
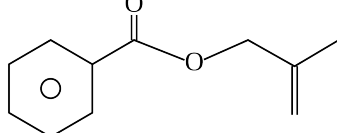
Section A (MCQ) — 3 questions

Q.1 Consider the following sequence of reactions



The major product P is:

[JEE Main 2026 (Online) 6th April Morning Shift]

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

Scan or tap for the full solution



Q.2 Consider compounds A, B and C with following structural formulae

A = $\text{CH}_3\text{--CH}_2\text{--CH}_2\text{--CH}_2\text{--CH}_2\text{--OH}$

B = $\text{CH}_2\text{=CH--CH}_2\text{--CH}_2\text{--CH}_3$

C = $\text{HO--CH}_2\text{--CH}_2\text{--CH(OH)--CH}_3$

For the conversion of B from A, reagent (D) required is _____ and structural formula of product (E) obtained when C undergoes same reaction using excess reagent (D) is _____.

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

(1) D: Conc. H_2SO_4 ; E: $\text{CH}_2\text{=CH--CH(OH)CH}_3$

(2) D: PCC; E: $\text{HO--CH}_2\text{--CH}_2\text{--CH=CH}_2$

(3) D: PCC; E: $\text{CH}_2\text{=CH--CH=CH}_2$

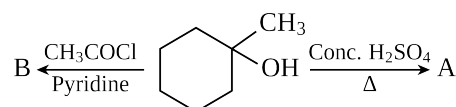
(4) D: Conc. H_2SO_4 or H_3PO_4 ; E: $\text{CH}_2\text{=CH--CH=CH}_2$

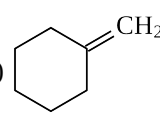
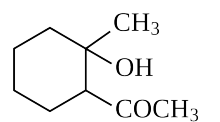
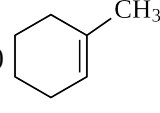
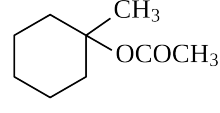
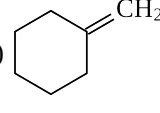
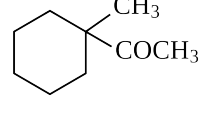
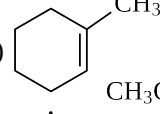
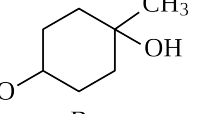
Scan or tap for the full solution



Q.3 Identify the major products A and B respectively in the following set of reactions.

[JEE Main 2024 (Online) 8th April Morning Shift]



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

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3							
Ans.	3	4	2							