

PART 1 - CHEMISTRY

Topic : Aldehydes, ketones and carboxylic acids

SECTION-A : (Maximum Marks : 4)

This section contains **ONE** question.Each question has **TWO** lists: **List-I** and **List-II**.Four options are given representing matching of elements from List-I and List-II. **ONLY ONE** of these four options corresponds to a correct matching.

For each question, choose the option corresponding to the correct answer.

Answer to each question will be evaluated according to the following marking scheme :

Full Marks : +4 If **ONLY** the correct option is chosen;

Zero Marks : 0 If none of the options is chosen (i.e. the question is unanswered);

Negative Marks : -1 In all other cases.

1. The **List-II** contains products obtained from the reaction of compounds in **List-I** with $O_3/Zn - H_2O$ followed by cyclization (via more stable enolate) in the presence of aqueous NaOH. Match each entry in **List-I** with appropriate entry in **List-II** and choose the correct option.

[JEE Advanced 2026 Paper 1]

	List-I		List-II
P.		1.	
Q.		2.	
R.		3.	

Space for Rough Work

List-I		List-II	
S.		4.	
		5.	

- (A) P $\rightarrow$ 2; Q $\rightarrow$ 4; R $\rightarrow$ 1; S $\rightarrow$ 3 (B) P $\rightarrow$ 3; Q $\rightarrow$ 4; R $\rightarrow$ 5; S $\rightarrow$ 2
 (C) P $\rightarrow$ 2; Q $\rightarrow$ 1; R $\rightarrow$ 5; S $\rightarrow$ 3 (D) P $\rightarrow$ 3; Q $\rightarrow$ 5; R $\rightarrow$ 4; S $\rightarrow$ 2

Scan or tap for the full solution

Space for Rough Work

JEE ADVANCED ALDEHYDES, KETONES AND CARBOXYLIC ACIDS — OZONOLYSIS FOLLOWED BY INTRAMOLECULAR ALDOL — PYQS

Test Pattern : **JEE (Advanced)**

ANSWER KEY

SECTION-A

[illegible]