

PART 1 - CHEMISTRY

Topic : Aldehydes, ketones and carboxylic acids

SECTION-A : (Maximum Marks : 4)

This section contains **ONE** question.Each question has **FOUR** options (A), (B), (C) and (D). **ONLY ONE** of these four options is the correct answer.

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

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

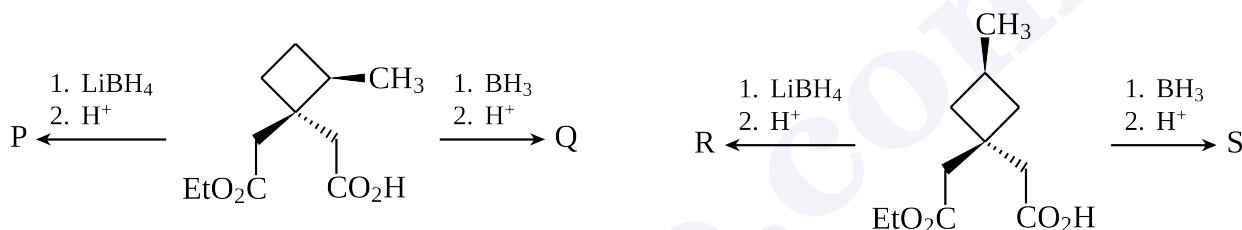
Full Marks : +4 If **ONLY** the correct option is chosen;

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

Negative Marks : -1 In all other cases.

1. Considering LiBH_4 reduces an ester group to the corresponding alcohol and does not reduce a carboxylic acid group, the correct statement about the major products P, Q, R and S is

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- (A) P & Q are identical, and R & S are diastereomers.
 (B) P & Q are diastereomers, and R & S are identical.
 (C) P & Q are diastereomers, and R & S are diastereomers.
 (D) P & Q are identical, and R & S are identical.

Scan or tap for the full solution



Space for Rough Work

JEE ADVANCED ALDEHYDES, KETONES AND CARBOXYLIC ACIDS — CHEMOSELECTIVE REDUCTION, LACTONISATION AND STEREOCHEMISTRY — PYQS

Test Pattern : **JEE (Advanced)**

ANSWER KEY

SECTION-A

[illegible]