

JEE MAIN PRINCIPLES RELATED TO PRACTICAL CHEMISTRY — QUALITATIVE ANALYSIS OF ORGANIC COMPOUNDS — PYQS

Max. Marks: 8
Questions: 2

Section A (MCQ) — 2 questions

Q.1 Given below are two statements:

Statement-I: In Lassaigne's test, the covalent organic molecules are transformed into ionic compounds.

Statement-II: The sodium fusion extract of an organic compound having N and S gives prussian blue colour with FeSO_4 and $\text{Na}_4[\text{Fe}(\text{CN})_6]$

In the light of the above statements, choose the correct answer from the options given below

[JEE Main 2025 (Online) 23rd January Morning Shift]

- (1) Both Statement-I and Statement-II are false
- (2) Statement-I is false but Statement-II is true
- (3) Both Statement-I and Statement-II are true
- (4) Statement-I is true but Statement-II is false

Scan or tap for the
full solution


Q.2 Given below are two statements :

Statement-I: Nitrogen, sulphur, halogen and phosphorus present in an organic compound are detected by Lassaigne's Test.

Statement-II: The elements present in the compound are converted from covalent form into ionic form by fusing the compound with Magnesium in Lassaigne's test.

In the light of the above statements, choose the correct answer from the options given below :

[JEE Main 2025 (Online) 22nd January Evening Shift]

- (1) Both Statement-I and Statement-II are false
- (2) Statement-I is true but Statement-II is false
- (3) Statement-I is false but Statement-II is true
- (4) Both Statement-I and Statement-II are true

Scan or tap for the
full solution



ANSWER KEY

Ques.	1	2												
Ans.	4	2												