

PART 1 - CHEMISTRY

Topic : Chemical bonding and molecular structure

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.

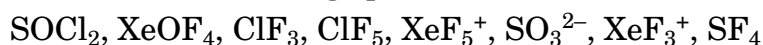
Answer to each question will be evaluated according to the following marking scheme :

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. Consider the following species:



List-I contains different molecular shapes and **List-II** contains total number of species with the same molecular shapes from the given species. Match each entry in **List-I** with the appropriate entry in **List-II** and choose the correct option. [JEE Advanced 2026 Paper 1]

List-I		List-II	
P.	See-saw	1.	one
Q.	T-Shaped	2.	two
R.	Trigonal Planar	3.	three
S.	Square Pyramidal	4.	four
		5.	zero

(A) P → 1; Q → 2; R → 5; S → 3

(B) P → 5; Q → 4; R → 2; S → 3

(C) P → 3; Q → 2; R → 1; S → 4

(D) P → 1; Q → 3; R → 5; S → 4

Scan or tap for the full solution 

Space for Rough Work

JEE ADVANCED CHEMICAL BONDING AND MOLECULAR STRUCTURE — VSEPR SHAPES — PYQS

Test Pattern : **JEE (Advanced)**

ANSWER KEY

SECTION-A

[illegible]