

PART 1 - CHEMISTRY

Topic : Chemical bonding and molecular structure

SECTION-1 : (Maximum Marks : 3)

- 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 : +3 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 correct order of dipole moments for the given species is [JEE Advanced 2026 Paper 1]
- (A) $\text{BF}_3 = \text{NH}_4^+ < \text{NF}_3 < \text{NH}_3$ (B) $\text{BF}_3 < \text{NH}_4^+ < \text{NF}_3 < \text{NH}_3$
(C) $\text{NH}_4^+ < \text{BF}_3 < \text{NH}_3 < \text{NF}_3$ (D) $\text{BF}_3 < \text{NH}_4^+ < \text{NH}_3 < \text{NF}_3$

Scan or tap for the
full solution

Space for Rough Work

Test Pattern : **JEE (Advanced)**

SECTION-1

[illegible]