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JEE MAIN CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES — METALLIC AND NON-METALLIC CHARACTER — PYQS

Max. Marks: 8 **Questions:** 2

Section A (MCQ) — 2 questions

Q.1 Consider the elements N, P, O, S, Cl and F. The number of valence electrons present in the elements with most and least metallic character from the above list is respectively.

[JEE Main 2026 (Online) 28th January Evening Shift]

(1) 7 and 5 (2) 6 and 7 (3) 5 and 7 (4) 5 and 6

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Q.2 Given below are two statements :

Statement-I: K > Mg > Al > B is the correct order in terms of metallic character.

Statement-II: Atomic radius is always greater than the ionic radius for any element.

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

[JEE Main 2026 (Online) 24th January Morning Shift]

(1) Both Statement-I and Statement-II are false

(2) Statement-I is false but Statement-II is true

(3) Statement-I is true but Statement-II is false

(4) Both Statement-I and Statement-II are true

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ANSWER KEY

Ques.	1	2									
Ans.	3	3									