

**JEE MAIN CLASSIFICATION OF ELEMENTS AND PERIODICITY IN
PROPERTIES — DEVELOPMENT OF PERIODIC TABLE — PYQS****Max. Marks: 4****Questions: 1****Section A (MCQ) — 1 question****Q.1** Given below are two statements :**Statement-I:** According to the Law of Octaves, the elements were arranged in the increasing order of their atomic number.**Statement-II:** Meyer observed a periodically repeated pattern upon plotting physical properties of certain elements against their respective atomic numbers.In the light of the above statements, choose the **correct** answer from the options given below :

[JEE Main 2025 (Online) 28th January Evening 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

Scan or tap for the
full solution**ANSWER KEY**

Ques.	1										
Ans.	1										