

JEE MAIN NUCLEI — NUCLEAR FISSION — PYQS

Max. Marks: 4

Questions: 1

Section B (Numerical) — 1 question

- Q.1** The average energy released per fission for the nucleus of $^{235}_{92}\text{U}$ is 190 MeV. When all the atoms of 47 g pure $^{235}_{92}\text{U}$ undergo fission process, the energy released is $\alpha \times 10^{23}$ MeV. The value of α is _____.
(Avogadro Number = 6×10^{23} per mole)

[JEE Main 2026 (Online) 23rd January Evening Shift]

Scan or tap for the
full solution

ANSWER KEY

Ques.	1						
Ans.	228						