

JEE MAIN NUCLEI — NUCLEAR FUSION AND ENERGY GENERATION IN STARS — PYQS

Max. Marks: 4

Questions: 1

Section A (MCQ) — 1 question

- Q.1** The energy released if hydrogen atoms are combined to form ${}^4_2\text{He}$ is _____ MeV.
(Take binding energies per nucleon of ${}^1_1\text{H}$ and ${}^4_2\text{He}$ as 1.1 MeV and 7.2 MeV, respectively)

[JEE Main 2026 (Online) 6th April Evening Shift]

- (1) 6.1 (2) 24.4 (3) 26.6 (4) 5

Scan or tap for the
full solution

ANSWER KEY

Ques.	1																		
Ans.	2																		