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NEET NUCLEI — BINDING ENERGY PER NUCLEON CURVE — PYQS

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

Section A (MCQ) — 2 questions

Q.1 How does the Binding Energy per nucleon vary with the increase in the number of nucleons ? [NEET 2013 (Karnataka)]

(1) Decreases continuously with mass number.

(2) First decreases and then increases with increase in mass number.

(3) First increases and then decreases with increase in mass number.

(4) Increases continuously with mass number.

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Q.2 Fission of nuclei is possible because the binding energy per nucleon in them [AIPMT 2005]

(1) increases with mass number at low mass numbers

(2) decreases with mass number at low mass numbers

(3) increases with mass number at high mass numbers

(4) decreases with mass number at high mass numbers.

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ANSWER KEY

Ques.	1	2									
Ans.	3	4									