

# PYQSide

## NEET NUCLEI — BINDING ENERGY PER NUCLEON CURVE — PYQS

Max. Marks: 8

Questions: 2

### Section A (MCQ)

**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.

Scan or tap for the full solution



**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.

Scan or tap for the full solution



### ANSWER KEY

|       |   |   |  |  |  |  |  |  |  |  |  |
|-------|---|---|--|--|--|--|--|--|--|--|--|
| Ques. | 1 | 2 |  |  |  |  |  |  |  |  |  |
| Ans.  | 3 | 4 |  |  |  |  |  |  |  |  |  |