

## Pdf Modern Physics Questions for JEE Mains

Question: 1

Isotopes have the same

- (A) Atomic number
- (B) Mass number
- (C) Avogadro's number
- (D) None of these

Ans: A

Atomic number

Question: 2

A good moderator should

- (A) Not be a gas only
- (B) Not have appetite for neutrons only
- (C) Be light in mass number only
- (D) Be all above three

Ans: D

Be all above three

Question: 3

The dual nature of light is exhibited by

- (A) Diffraction and photoelectric effect
- (B) Diffraction and reflection
- (C) Refraction and interference

(D) Photoelectric effect

Ans: A

Diffraction and photoelectric effect

Question: 4

The main source of solar energy is

(A) Combustion

(B) Nuclear fission

(C) Nuclear fusion

(D) None of these

Ans: C

Nuclear fusion

Question: 5

The important conclusion given by Millikan's experiment about the charge is

(A) Charge is never quantized

(B) Charge has no definite value

(C) Charge is quantized

(D) Charge on oil drop always increases

Ans: C

Charge is quantized