

NEET DUAL NATURE OF RADIATION AND MATTER — DAVISSON–GERMER EXPERIMENT (OLD SYLLABUS) — PYQS

Max. Marks: 8
Questions: 2

Section A (MCQ) — 2 questions

Q.1 In the Davisson and Germer experiment, the velocity of electrons emitted from the electron gun can be increased by [AIPMT 2011 (Prelims)]

- (1) increasing the potential difference between the anode and filament
- (2) increasing the filament current
- (3) decreasing the filament current
- (4) decreasing the potential difference between the anode and filament

Scan or tap for the full solution



Q.2 The interplanar distance in a crystal is 2.8×10^{-8} m. The value of maximum wavelength which can be diffracted is [AIPMT 2001]

- (1) 2.8×10^{-8} m
- (2) 5.6×10^{-8} m
- (3) 1.4×10^{-8} m
- (4) 7.6×10^{-8} m

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2									
Ans.	1	2									