

- 28** Two beams P and Q of light of the same wavelength is incident on the same metal surface causing photoelectrons to be emitted.

The photoelectric current produced by P is four times that produced by Q.

Which of the following gives the ratio $\frac{\text{amplitude of wave P}}{\text{amplitude of wave Q}}$?

- A** 0.25 **B** 0.50 **C** 2.0 **D** 4.0