

- 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