

- 26** A source emits monochromatic light of frequency 5.0×10^{14} Hz at a rate of 0.10 W. The photons fall on the cathode of a photocell which gives a current of 80.0 μA in an external circuit. You may assume that this current consists of all the photoelectrons emitted.

What is the percentage of the photons falling on the cathode which produces photoelectrons?

- A** 0.017% **B** 0.17% **C** 1.7% **D** 100%