30 Electromagnetic radiation of wavelength 2.8×10^{-7} m is directed onto the zinc emitter of a photocell. The work function of zinc is 4.2 eV.

What will be the maximum energy of the emitted photoelectrons?

A 3.8×10^{-20} J   **B** 6.7×10^{-19} J   **C** 7.1×10^{-19} J   **D** 1.4×10^{-18} J