20 A high electric potential difference is applied between two electrodes of a hydrogen discharge tube so that the gas is ionized. Electrons then move towards the positive electrode and protons towards the negative electrode. In each second, 5.0×10^{18} electrons and 2.0×10^{18} protons pass a cross-section of the tube. What is the current, in amperes, flowing in the discharge tube?

A 0.16 **B** 0.48 **C** 0.80 **D** 1.1