15. A certain type of composite particle is made of two up quarks and a strange quark.

The charge on an up quark is $+\frac{2}{3}e$.

The charge on a strange quark is $-\frac{1}{3}e$.

Which of the following statements describes the nature and charge of this composite particle?

A   The particle is a meson with a charge of $+1e$.

B   The particle is a meson with a charge of $-1e$.

C   The particle is a meson with no charge.

D   The particle is a baryon with a charge of $-1e$.

E   The particle is a baryon with a charge of $+1e$.