

- 7 The table shows the relative charges on up and down quarks.

u	$\frac{2}{3}e$
d	$-\frac{1}{3}e$

Which of the following could be the quark composition for a baryon with a charge of $+2e$?

- ☐ **A** ddd
- ☐ **B** $u\bar{d}$
- ☐ **C** $u\bar{u}$
- ☐ **D** uuu

(Total for Question 7 = 1 mark)