

9 Which of the following shows the β^- decay of a nucleon?

☐ **A** $n \rightarrow p + \beta^- + \nu_e$

☐ **B** $n \rightarrow p + \beta^- + \bar{\nu}_e$

☐ **C** $p \rightarrow n + \beta^- + \nu_e$

☐ **D** $p \rightarrow n + \beta^- + \bar{\nu}_e$

(Total for Question 9 = 1 mark)