

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

- 3 The number of people living in Delhi is 1.7×10^7
The land area of Delhi is 1.5×10^3 square kilometres.

Calculate the average number of people per square kilometre living in Delhi.
Give your answer in standard form to 2 significant figures.

.....
(Total for Question 3 is 2 marks)

- 4 Given that $y = \frac{7}{x^3} - x^5$

find $\frac{dy}{dx}$

$\frac{dy}{dx} = \dots\dots\dots$

(Total for Question 4 is 2 marks)

