

c)

$$(ii) \int \frac{21x^2 + 10x - 3}{7x^3 + 5x^2 - 3x - 1} dx$$

$$\frac{10x + 21x^2 - 3}{x(21x^3 + 20x^2 - 18x - 12)} + C$$

$$\frac{x(5x + 21x^2 - 3)}{x(21x^3 + 20x^2 - 18x - 12)} + C$$