

اسئلة المبرمج الاول

$$\textcircled{1} \int \frac{x^4 + 1}{x^3 - x^2} dx$$

$$\textcircled{7} \int \frac{2 + \ln(x)}{x} dx$$

$$\textcircled{2} \int \sin^{-1} x dx$$

$$\textcircled{8} \int x^2 \ln(x) dx$$

$$\textcircled{3} \int \frac{x^2}{(2x+1)^3} dx$$

$$\textcircled{9} \int e^{2x} \sin(2x) dx$$

$$\textcircled{4} \int x^3 (x^4 + 5)^4 dx$$

$$\textcircled{5} \int \frac{1}{x(x^2+2)} dx$$

$$\textcircled{6} \int \sin^3 x \cos^4 x dx$$