[I]

(1) $\displaystyle\int dx$　　(2) $\displaystyle\int x^3\,dx$　　(3) $\displaystyle\int \sqrt{x}\,dx$　　(4) $\displaystyle\int \frac{dx}{x^4}$

(5) $\displaystyle\int \frac{dx}{x}$　　(6) $\displaystyle\int e^x\,dx$　　(7) $\displaystyle\int 3^x\,dx$　　(8) $\displaystyle\int \sin x\,dx$

(9) $\displaystyle\int \cos x\,dx$　　　(10) $\displaystyle\int \frac{dx}{\cos^2 x}$　　　(11) $\displaystyle\int \sinh x\,dx$

(12) $\displaystyle\int \cosh x\,dx$　　　(13) $\displaystyle\int \frac{dx}{\cosh^2 x}$　　　(14) $\displaystyle\int \frac{dx}{\sqrt{1-x^2}}$

(15) $\displaystyle\int \frac{dx}{\sqrt{1+x^2}}$　　　(16) $\displaystyle\int \frac{dx}{\sqrt{x^2-1}}$　　　(17) $\displaystyle\int \frac{dx}{1+x^2}$

(18) $\displaystyle\int \frac{dx}{x^2-1}$

[II]

(1) $\displaystyle\int (5x^4+6x^2)\,dx$　　　(2) $\displaystyle\int \frac{1+x^3}{x^4}\,dx$　　(3) $\displaystyle\int \frac{1}{\sqrt[3]{x}}\,dx$

(4) $\displaystyle\int \cos^2 x\,dx$

(5) $\displaystyle\int 3x^2(x^3+2)^3\,dx$　　　(6) $\displaystyle\int \frac{2x-1}{x^2-2x+1}\,dx$　　　(7) $\displaystyle\int \frac{1}{\sqrt{2x-x^2}}\,dx$

(8) $\displaystyle\int \frac{x^2}{\sqrt{1-x^6}}\,dx$　　(9) $\displaystyle\int \frac{\cos x}{1+\sin x}\,dx$

(10) $\displaystyle\int \tanh x\,dx$　　　(11) $\displaystyle\int xe^{x^2}\,dx$　　　(12) $\displaystyle\int \frac{\log x}{x}\,dx$

(13) $\displaystyle\int x^2 e^x\,dx$　　(14) $\displaystyle\int x\log x\,dx$　　(15) $\displaystyle\int x^2\cos x\,dx$

(16) $\displaystyle\int \mathrm{Sin}^{-1}x\,dx$