

01/09/xx

Class-XII^{5c} (MATHS)

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Do yourself :- Integrate the following :-

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

(9) $\int \frac{dx}{x-\sqrt{x}}$

(2) $\int \frac{(\log x)^2}{x} dx$

(10) $\int e^{2x+3} dx$

(3) $\int \frac{dx}{x+x \log x}$

(4) $\int \sin x \sin(\cos x) dx$

(5) $\int \sqrt{ax+b} dx$

(6) $\int x \sqrt{x+2} dx$

(7) $\int x \sqrt{1+2x^2} dx$

(8) $\int \frac{1}{x-\sqrt{x}} dx$