

## Lecture - 3

Definite integrationTips and Tricks\* Tip 1:-

many students find it difficult to which property of integrations will lead toward our solution of the problem.

Tip is that, maximum of time questions are reduced by property

$$\int_a^b f(x) dx = \int_a^b f(a+b-x) dx.$$

and other property use you can identify by seeing its limits.

$$\int_{-a}^a \text{ or } \int_0^a \text{ forms directly}$$

implies whether function is even or odd. ~~and~~ respectively our Ans will

then  $2 \int_0^a$ , or 0.

and remaining tricks you can catch by practicing well on many problems.