

## Lecture 5A

### [Optional] Recap Differentiability

[Watch the video \(22 Mins\)](#)

Introduction to Minima and Maxima | The First Derivative Test

[Watch the video \(1 hr 18 Mins\)](#)

Annotated Notes of Recap Differentiability, Minima and Maxima, The First Derivative Test

[View the notes](#)

## Lecture 5B

### The Second Derivative Test

[Watch the video \(45 Mins\)](#)

Intermediate Mean Value Theorem | Rolle's theorem | Lagrange Mean Value Theorem

[Watch the video \(45 Mins\)](#)

Annotated Notes of Second Derivative Test and Mean Value Theorems

[View the notes](#)

## Lecture 5C

Few Questions on MVT Theorems (Part -1 )

[Watch the video \(18 Mins\)](#)

Few Questions on MVT Theorems Part-2

[Watch the video \(12 Mins\)](#)

Annotated Notes of Few Questions on MVT Theorems (Part-1 & 2)

[Part-1 Annotated Notes](#)

[Part-2 Annotated Notes](#)

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We've put a lot of effort into teaching with clear intuition, covering topics like indeterminate forms and the second derivative, concave up, down etc.

## Your comments make a big difference!

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Thank you for your support!