**\*<u>Disclaimer:</u>  We are not responsible for  your low marks , but based on the previous year papers these are some important resources  & tips for  Math.**

## <u>UNIT - 4</u>

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**<u>INTEGRATION:</u>**

Integral as Limit of Sum, Riemann Sum, Fundamental Theorem of Calculus, Indefinite Integrals, Methods of Integration Substitution, By Parts, Partial Fractions, Integration of Algebraic and transcedental Functions, Reduction Formulae for Trigonometric Functions, Gamma and Beta Functions

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This is a <u>difficult one chapter</u> and needs more practice & time then other units , as most of the topics are from class 12 mathematics ,but there are many topics which are very long & new ,so <u>to make a strong grip on the above topics ,follow the videos lectures given in the playlists.</u>But no playlist and lecture improve your preparation ,if you not practice and revise all topics before revision.

- **youtube playlist ( topics from class 12 )**- <u>click here</u>

- **you tube playlist( Reduction formulae)**-<u>click here</u>

- **you tube playlist(Beta and Gamma function)**- <u>click here</u>

After watching these video lectures  practice **solved examples and exercise question from R .CHADA (semester 1)**for better understanding. <u>Solved example of R .CHADA (semester 1) is must.</u>

Please check that all the topics from the syllabus  is all the topics is  covered or not and for the left topics strictly follow **R .CHADA (semester 1)**

**Also solve previous year questions from AKASH book.**