Dear Students

In the week of 16th to 20th March 2020 we had to cover the following topics. Kindly go through these topics (from the pages mentioned below from our text book J.K. Thukral “Business Mathematics”). We will discuss them and take up problems when we meet. I am also attaching with each topic the relevant youtube videos (most relevant available video for our topic) which will help you understand the topic well.

1. Amortization of Loans (pg 12.49 to12.58) <https://www.youtube.com/watch?v=ACmaZ5x-ksA>
2. Valuation of Bonds (pg 12.58 to 12.60) <https://www.youtube.com/watch?v=ZX71QqJv-cg>
3. Sinking Fund (pg 12.74 to 12.76) <https://www.youtube.com/watch?v=wzim1AIxEaQ>
4. Basics of Differentiation (Chapter-6) <https://www.youtube.com/watch?v=QFHOFwxk4BY>

* Rules of Differentiation (pg 6.6 to 6.6.7)
* Product and Quotient Rule (pg 6.9 to6.10)
* The chain Rule (pg 6.10 to 6.12)
* Derivatives of Logarithmic and Exponential functions (pg 6.12 to 6.15) <https://www.youtube.com/watch?v=67CLhfFVZOw>
* Implicit differentiation (pg 6.16 to 6.18)
* Derivative of Inverse of a function (pg 6.18)
* Derivative of function defined parametrically (pg 6.18)
* Logarithmic Differentiation (pg6.19 to 6.21)
* Successive Differentiation (pg 6.22 to 6.23)

Thanks and All the Best!

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