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Degree of Differential Equation. The degree of the differential equation is the power of the highest order derivative, where the original equation is represented in the form of a polynomial equation in derivatives such as  $y'$ ,  $y''$ ,  $y'''$ , and so on.. Suppose  $(d^2 y/dx^2) + 2 (dy/dx) + y = 0$  is a differential equation, so the degree of this equation here is 1.

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## **Differential Equations (Definition, Types, Order, Degree ...**

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Chapters 2-6 and 8 has  
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