DIFFERENTIAL EQUATION

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**DIFFERENTIAL EQUATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Serial no.** | **Form** | **Substitution** | **Full Differential** |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |
| 5. |  |  |  |
| 6. |  |  |  |
| 7. |  |  |  |
| 8. |  |  |  |
| 9. |  |  |  |
| 10. |  |  |  |

**Order of Differential Equation:-**

Highest order derivative in a differential equation.

**Degree of Differential Equation:-**

Power of highest order derivative in a differential equation.

**Techniques of solving a Differential Equation**

**Type 1:-**

**Type 2:-**

**Type 3:-**

Let,

**Type 4:-**

Let,

**Type 5:-**

**Type 6:-**