**Expert ID/Name: Nstructive**

**Date: 09-Nov-2020**

**C:\Users\chari\Desktop\10-23.PNG**

**C:\Users\chari\Desktop\23.PNG**

**Answer:**

|  |
| --- |
| Answer for Short / Simple / Direct Question. |

|  |
| --- |
| Tips:  1. Separate the terms of.  2. Apply the integration on both sides.  3. |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Given: differential equation is  To find: The general solution of differential equation is  Explanation: -  Step 1:   |  |  | | --- | --- | | Instruction | Separate the terms dy and dx. | | Calculation |  |   Step2:   |  |  | | --- | --- | | Instruction | Apply the integration on both sides. | | Calculation | Which is the required general solution of given differential equation. . | |
| Verified Answer: - general solution of differential equation  is .  Hence, verified. |