**Expert ID/Name: Nstructive**

**Date: 20-Nov-2020**

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| Answer for Short / Simple / Direct Question |

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| **Tips:**  1 . Integrating factor of is .    3. |

**Answer:**

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| Given :  To find: General solution of  Explanation: -  Step1:   |  |  | | --- | --- | | Instruction: | Convert and Compare the given differential equation with | | Calculation: | Given differential equation is    Compare with |   Step 2:   |  |  | | --- | --- | | Instruction: | 1. Integral factor of is.  2. | | Calculation: | Hence, IF of is. |   Step3:   |  |  | | --- | --- | | Instruction: | 1.General solution of is | | Calculation: | Now, In put    Therefore, the solution is    Hence, Solution of  is | |
| Verified Answer: -Hence verified. |