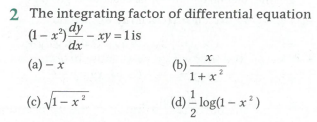
**Expert ID/Name: Nstructive**

**Date: 11-Nov-2020**

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**Answer:**

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| --- |
| MCQ Type Answers |

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| --- |
| Choices |

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| --- |
| Tips:  1.Integrating factor of  is .  2. |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Correct Answer: (c)  Given: The differential equation is .  To find: Integrating factor of  Explanation:  Step1:   |  |  | | --- | --- | | Instruction | Convert the differential equation into the form of | | Calculation | Given that |   Step2:   |  |  | | --- | --- | | Instruction | Compare the differential equation with  Use the formula, | | Calculation | Compare with | |
| Final Answer: .Integrating factor of  is . |