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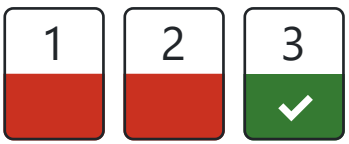
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MS-A0111 - Differential and Integral Calculus 1, 07.09.2020-21.10.2020

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Started on	Sunday, 4 June 2023, 12:02 PM
State	Finished
Completed on	Sunday, 4 June 2023, 12:02 PM
Time taken	14 secs
Grade	1.00 out of 3.00 (33.33%)

Quiz navigation



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Question 1

[Flag question](#) Mark 0.00 out of 1.00 Incorrect

\(\text{Is } \frac{dy}{dx} + (1 + x)y = 0 \text{ separable? } \)

Select one or more:

- ☐ a. Yes.
- ☒ b. No. ✖ Careful!

Your answer is incorrect.
The correct answer is: Yes.

Question 2

[Flag question](#) Mark 0.00 out of 1.00 Incorrect

If $y_h(x)$ is a solution of a homogeneous problem, it can always be added to that of a particular solution, therefore there are infinitely many solutions.

Select one or more:

- ☒ a. False ✖ Careful!
- ☐ b. True

Your answer is incorrect.
The correct answer is: True

Question 3

[Flag question](#) Mark 1.00 out of 1.00 Correct

Methods of integrating factor and variation of parameters lead to the same solution.

Select one or more:

- ☒ a. Yes ✔ OK, if the solution exists.
- ☐ b. No

Your answer is correct.
The correct answer is: Yes

[Finish review](#)

◀ Lecture 8 (Activation Quiz)

Lecture 10 (Activation Quiz) ▶



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