2012 Mathematics (2)

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Section A

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Section B

11X

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12W

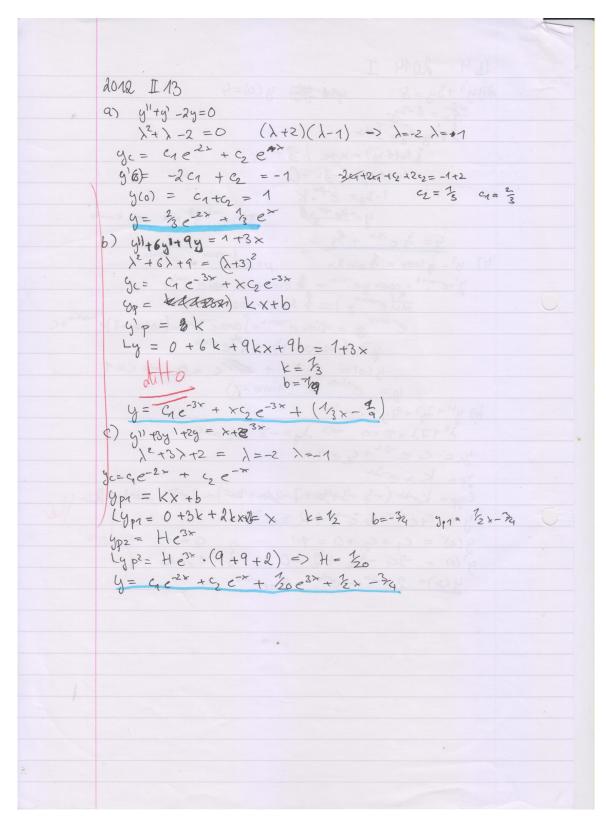
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13Z

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Solution(s):

From user: ar857



14S

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16Y

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Solution(s):

From user: ar857

	2012 16 2
headerAduej	a) of = 3x2y2 dx + ydx + x2 dy + xdy + x2y d2 + d2
	= (3x2y2+y)=Bsint + (x32+x)=3(0+ (x3y+1)=2
	$= -(3x^{2}y^{2}+y^{2}) \cdot 3 + 2x^{3}y + 2 = 2x^{3}y - 9x^{2}y^{2} - 3y + 2$
	= -9+2=-7
	6) 9 x-2y = x - ay a=2
	c) (x2+xy-y2) dx+ (2x-2xy dy=0
	$\sqrt{3} \times \sqrt{3} + \sqrt{2} \times \sqrt{2} = C$

17S

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18**R**

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19Z*

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20T*

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