2006 Mathematics (1)

This pdf was generated from questions and answers contributed by members of the public to Christopher Lester's tripos/example-sheet solution exchange site http://cgl20.user.srcf.net/. Nothing (other than raven authentication) prevents rubbish being uploaded, so this pdf comes with no warranty as to the correctness of the questions or answers contained. Visit the site, vote, and/or supply your own content if you don't like what you see here.

This pdf had url http://cgl20.user.srcf.net/camcourse/paperpdf/24?withSolutions=1.

This pdf was creted on Thu, 25 Apr 2024 19:03:46 +0000.

1A

No image has yet been uploaded for this question No soution has yet been submitted for this question.

2A

No image has yet been uploaded for this question No soution has yet been submitted for this question.

3B

No image has yet been uploaded for this question No soution has yet been submitted for this question.

4B*

No image has yet been uploaded for this question

Solution(s):

From user: cgl20

No image has yet been uploaded for this question

skjslkjfsdklflsdkjflskfjlsdk

5C

No image has yet been uploaded for this question

Solution(s):

From user: ar857

	2006 \$5C Paper I
	a) $[a_10_10]$ $(-a_1b_10)$ $N = (bc)(*ac; ab)$ $[0_1b_10]$ $(-a_10_1c)$ $N = (bc)(*ac; ab)$
	[0,0,0]]= \b2c2+a2c2+a2b2
	b) bex + acy + abz=d HAAAAAAA
	abc = al Will How Off yell
	r. (bejacjab) = abc
U	c) OD = 1/4 abc 1/4
	d) r= xa+pb+ re
	() a + p b + rc) · (bc ta c, ab) = (p+) +r) (abc) = abc
	condition is => p+ x+r=1
	$e) D = \frac{abc}{T} (bc_1ac_1ab)$
	$= 2 \frac{b^2c^2}{T} + \frac{b}{D} \frac{a^2c^2}{T} + \frac{c}{D} \frac{a^2b^2}{T}$
	$\lambda = \frac{b^2 c^2}{T} \qquad \lambda = \frac{a^2 c^2}{T} \qquad c = \frac{a^2 b^2}{T}$
	$f) DA = \left(a - \frac{ab^2c^2}{T}\right) - \frac{a^2c^2b}{T}\right) - \frac{a^2b^2c}{T}$
	BB = (0, b, -c)
	$casd = 0 - \frac{a^2c^2b^2}{T} + \frac{a^2b^2c^2}{T} = 0$
	X=9000

6C

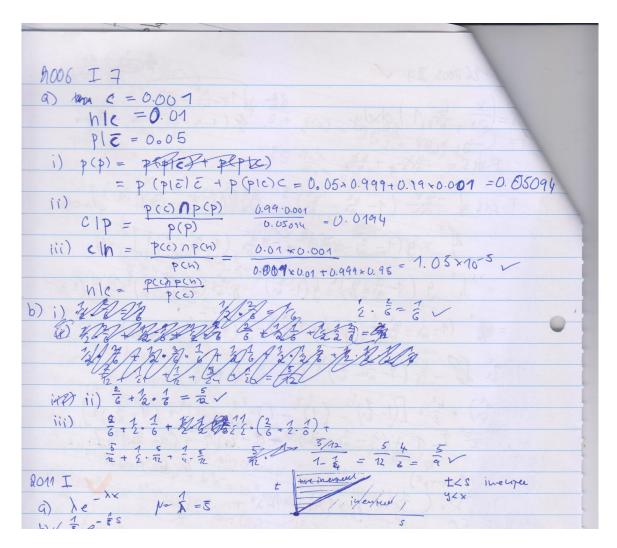
No image has yet been uploaded for this question No soution has yet been submitted for this question.

7D

No image has yet been uploaded for this question

Solution(s):

From user: ar857



8D*

No image has yet been uploaded for this question No soution has yet been submitted for this question.

9E

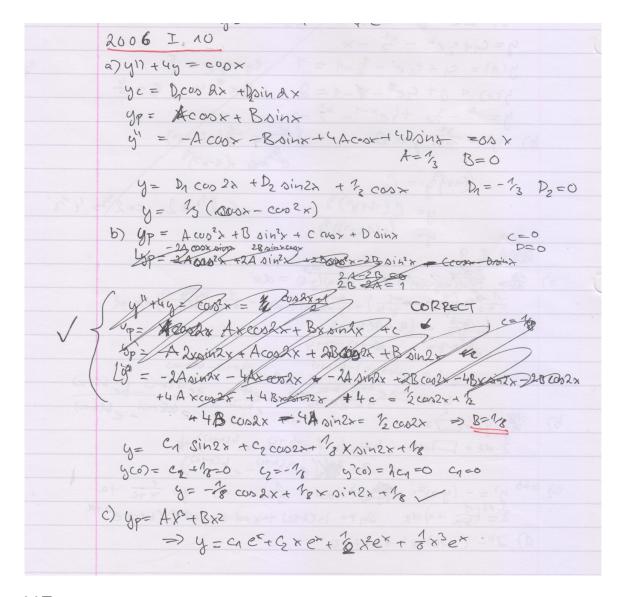
No image has yet been uploaded for this question No soution has yet been submitted for this question.

10E

No image has yet been uploaded for this question

Solution(s):

From user: ar857



11F

No image has yet been uploaded for this question No soution has yet been submitted for this question.

12F*

No image has yet been uploaded for this question No soution has yet been submitted for this question.