

Anonymisation code: 0006-ZPG

Part 1: 8/4

Part 2: 59
60

Total: 82

Part one. Multiple Choice (Page 3)

- 1. B
- 2. B
- 3. C
- 4. A
- 5. D
- 6. A
- 7. D
- 8. B

B

Part two. Estimation (Page 5)

Group		Total	Animals	Objects
Group 1	$\hat{t}_y - CVe$ 95% CI	58895280 - 1.0% (57705121, 60085439)	29776365 - 8.5% (24837488, 34715243)	29118914 - 8.7% (24164721, 34073107)
Group 2	$\hat{t}_y - CVe$ 95% CI	75315292 - 5.1% (67759329, 82871254)	29981639 - 12.9% (22393384, 37569894)	45333652 - 8.5% (37813114, 52854191)
Group 3	$\hat{t}_y - CVe$ 95% CI	24706821 - 0.1% (24641572, 24772071)	7179534 - 8.7% (5953056, 8406013)	17527287 - 3.7% (16268453, 18786121)
Group 4	$\hat{t}_y - CVe$ 95% CI	75858819 - 6.4% (66376509, 85341129)	13980874 - 10.2% (11172697, 16789051)	61877945 - 5.9% (54707395, 69048495)
Total	$\hat{t}_y - CVe$ 95% CI	234776212 - 2.6% (222592905, 246959518)	80918413 - 6.0% (71359773, 90477053)	153857798 - 3.8% (142277258, 163416438)

R-CODE

###HOME EXAMINATION SAMPLE SURVEY###

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#Libraries

library(survey)

library(sampling)

#Part Two. Estimation

#####Question 1#####

#N = 154043, n = 45