You Should be Giving your Exams on Computers
Alexander Gainer
• Less work and stress for instructors;
• Better Exams;
• Students love it.
What is the LAC?

The Learning Assessment Centre (LAC) is a computer lab, with capacity for 100 students, that administers computer-based exams on the third floor of the Education North Building.
Reduces Instructor’s Workload

- You do not have to proctor your own exams or organize proctors.

- No printing exams and hauling boxes of paper across campus.

- Grading is automatic.

- Computer-based exams are much more flexible:
  - offer multiple days, times and locations for exams.
  - can use media in your exams.
Better Assessment

- Secure exams and detailed data make it easier to create exams that effectively assess your students.
- Easy to offer feedback, even in large classes.
- Significantly reduces cheating.
SUMMARY REPORT

ECON 102 X50 Wi17 Final Exam

Course: ECON 102 LEC X50 Wi17 • Instructor: Alex Gaines • Questions: 79 • Exam Takers: 73

ASSESSMENT PERFORMANCE

74% 39% 97%
Average Score (58.1/79) Low Score (31/79) High Score (77/79)
Assessment Score Reliability (KR-20)
0.0 0.9
POOR SATISFACTORY GOOD
Likelihood of students repeating the same performance.

LEARNING OUTCOMES

(Category Performance)

Faculty of Arts

Economics

- Chapter 01, 02, Review of Microeconomics (e.x. PPF)
  Questions: 4
- Chapter 03, Review of Supply & Demand
  Questions: 6
- Chapter 04, Measuring GDP
  Questions: 4
- Chapter 05, Unemployment & Inflation
  Questions: 4
- Chapter 06, Economic Growth & Finance
  Questions: 6
- Chapter 07, Long-run Economic Growth
  Questions: 4
- Chapter 09 - AD-AS Model
  Questions: 7
- Chapter 10 - Money, Banks and Central Banks
  Questions: 6
- Chapter 11 - Monetary Policy
  Questions: 4

Seq # Item ID Item Stem Correct Upper Lower Point Disc Response Frequencies

13 1074 Refer to Figure 9.5,... 74% 88% 80% 0.03 0.06 7 *54 8 4
14 1094 If the exchange rate... 85% 100% 70% 0.32 0.30 1 0 10 *62
15 1083 Matt's real wage in... 79% 95% 45% 0.56 0.50 4 *58 2 9
16 1091 An increase in Canad... 79% 100% 65% 0.29 0.35 7 *58 7 1
17 1084 If actual inflation... 60% 100% 30% 0.51 0.70 *44 16 11 2
18 1101 How will contraction... 45% 57% 35% 0.24 0.22 16 *33 13 11
19 1088 The price level in t... 41% 67% 20% 0.25 0.47 1 *40 2 *30
20 1072 Policies to promote... 70% 81% 40% 0.33 0.41 1 20 *51
21 1073 Refer to Figure 9.3,... 92% 100% 80% 0.40 0.20 2 3 *67 1
22 1086 Refer to Figure 13.2... 95% 100% 80% 0.43 0.20 2 *69 0 2 0
23 1071 The rapid growth of... 100% 100% 100% 0.00 0.00 0 *73 0 0
24 1095 If the price level i... 82% 95% 75% 0.20 0.20 0 1 *62 12
25 1108 If interest rates in... 68% 81% 60% 0.17 0.21 10 *50 6 7
26 1105 A currency pegged at... 96% 100% 85% 0.39 0.15 2 *70 1 0
27 1106 Refer to Figure 15.3... 85% 88% 95% -0.08 -0.09 10 *62 1 0
28 1085 Assume weak growth L... 89% 100% 70% 0.37 0.30 4 *66 2 2
29 1092 Which of the followi... 93% 100% 80% 0.27 0.20 *68 3 0 2
30 1098 How does expansionar... 84% 95% 75% 0.29 0.20 *65 1 7 0
31 1093 If the dollar appreci... 78% 100% 45% 0.52 0.55 4 12 *57 0
32 1096 In international exc... 37% 43% 20% 0.21 0.23 18 *27 18 10
33 1075 Suppose the economy... 67% 88% 70% 0.17 0.16 0 21 3 *64
34 1067 If the GDP deflator... 96% 95% 95% 0.02 0.00 0 0 3 *70
35 1097 If the nominal excha... 90% 100% 80% 0.29 0.20 0 0 *66 7
36 1079 Refer to Figure 13.1... 68% 100% 35% 0.51 0.65 0 *50 7 3
37 1070 Which of the followi... 79% 100% 55% 0.43 0.45 8 *58 6 1
38 1069 A transfer payment i... 88% 95% 70% 0.39 0.25 3 1 1 *64 4
39 1103 What factors are not... 66% 90% 35% 0.48 0.55 13 7 5 *48
40 1090 Which of the followi... 92% 95% 75% 0.42 0.20 4 *67 1 1
41 1107 An increase in the v... 81% 76% 80% 0.05 -0.04 4 *59 5 5
42 1100 Which of the followi... 12% 14% 10% 0.02 0.04 11 39 14 *9
43 1080 According to the sho... 82% 100% 55% 0.51 0.45 4 *60 7 2
44 1068 Emily is a writer. S... 88% 88% 80% 0.07 0.06 *64 2 7 0
45 1110 Refer to Figure 15.6... 15% 10% 30% -0.22 -0.20 6 *58 0 11
46 1104 Refer to Figure 9.5... 79% 100% 60% 0.35 0.10 4 9 *58 11
47 905 One form of unemploy... 78% 95% 50% 0.40 0.45 6 *57 7 3
48 906 The statement, "My i... 63% 76% 35% 0.27 0.41 6 *46 21 0
What My Students Liked

“It was a relaxed but professional exam setting, so it encouraged my brain to go into 'exam mode' but not to go into panic mode.” - ECON 101 student, Fall 2015.

• A comfortable exam writing environment.

• Flexibility to book which time and day they write.

• Detailed exam feedback, e.x., by chapter or topic.

• Improved accessibility for S.A.S. registered students.
Conclusion

• Computer based exams are a better way to assess our students.

• Students prefer this new format.

• It makes the instructor’s life easier.
Questions?