

ECE 30862 Fall 2017, First Exam

DO NOT START WORKING ON THIS UNTIL TOLD TO DO SO. LEAVE IT ON THE DESK.

THE LAST PAGE IS THE ANSWER SHEET. TEAR IT OFF AND PUT ALL ANSWERS THERE. TURN IN BOTH PARTS OF THE TEST WHEN FINISHED.

You have until 7:30PM to take this exam. The total number of points should be 100. After taking the test, turn in both the test and the answer sheet.

Your exam should have this sheet, 5 pages with 50 questions, and the answer sheet. As soon as the test begins, check that your exam is complete and *let Prof. Midkiff know immediately if it does not.*

This exam is open book, open notes, but absolutely no electronics. If you have a question, please ask for clarification. If the question is not resolved, state on the test whatever assumptions you need to make to answer the question, and answer it under those assumptions.

If a statement is illegal, assume it is not executed.

Check the front board occasionally for corrections.

Every question is worth 2.5 points.

I have neither given nor received help during this exam from any other person or electronic source, and I understand that if I have I will be guilty of cheating and will fail the exam and perhaps the course.

Name (must be signed to be graded):

Name (printed, worth 1 pt):

Last four digits of your ID:

This page intentionally left almost blank

This page intentionally left almost blank

ECE 30862 Fall 2016 First Exam Answer Sheet

Name (Printed):

Name (Signed):

- | | |
|---|---------------|
| 1. Err | 26. 1 |
| 2. A::r | 27. 2 |
| 3. Err | 28. 2 |
| 4. Err | 29. B:q |
| 5. Ok | 30. A::s A::u |
| 6. Ok | 31. A::t |
| 7. Err | 32. B:r |
| 8. Err | 33. C::s |
| 9. Err | 34. B:t |
| 10. Ok | 35. B:q |
| 11. A::p | 36. B:r |
| 12. A1 B1 | 37. A::s A::u |
| 13. -2 0 0 | 38. A::t |
| 14. 1 5 x, where x is undefined, a large number, or 0 | 39. B:q |
| 15. 1 | 40. B:r |
| 16. B- A- B- A- | 41. C:s |
| 17. -1 | 42. B:t |
| 18. -1 | 43. A::q |
| 19. -1 | 44. A::r |
| 20. Ok | 45. A::s A::u |
| 21. 1 | 46. A::t |
| 22. Err | 47. 1 |
| 23. 1 | 48. 2 |
| 24. Ok | 49. 1 |
| 25. 1 | 50. 3 |