

ECE 29595C Fall 2021 First Exam Key, The corrected version
Write your name in the space above, it is worth 4 points.

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|--------------------------|-------------------|
| 1. B K1 | 20. Error |
| 2. B K1 K2 | 21. 0 |
| 3. 0 | 22. 1 |
| 4. 0 | 23. 0 |
| 5. B::f4 K1::f6 | 24. 1 |
| 6. B::f5 K1::f3 | 25. 1 |
| 7. Error | 26. 0 |
| 8. B::f1 | 27. 1 |
| 9. K1::f2 | 28. 0 |
| 10. Error | 29. 0 |
| 11. B::f9 | 30. D::f |
| 12. K2::f3 | 31. B or D |
| 13. K1::f8 | 32. Ok |
| 14. K1::f9 | 33. Error |
| 15. 0 | 34. Ok |
| 16. K2::f10 | 35. Error |
| 17. ~ K2 ~ K1 ~ B | 36. ~ B |
| 18. B::f3 | 37. HASA |
| 19. Ok | 38. ISA |

Note that Q31 is B or D because of an error in the question. When f6 is removed from the VFT of D, it becomes the correct VFT of B. f6 is removed because it doesn't exist in the program.