

**ECE 39595 C++ Lab Spring 2021, First Exam Key**

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|------------------|------------------------|
| 1. Err           | 21. C1 C2 C4           |
| 2. B.f5, B.f1    | 22. C3.f1              |
| 3. Err           | 23. C1.f3              |
| 4. B.f2(int)     | 24. C4.f1              |
| 5. D.f3          | 25. C2.f2              |
| 6. B.f4          | 26. D.f                |
| 7. D.f5, D.f1( ) | 27. Ok                 |
| 8. Err           | 28. D.f                |
| 9. B.f7          | 29. B& obj B.k: 10     |
| 10. 1            | 30. ref B.k: 5         |
| 11. D.f2(f)      | 31. B& obj B.k: 10     |
| 12. B.f4         | 32. ref B.k: 5         |
| 13. B1 D1        | 33. Err                |
| 14. B2(i) D2(i)  | 34. ptr B.k: 5         |
| 15. Err          | 35. 500                |
| 16. ~D1 ~B1      | 36. size: 3, 0 1 2     |
| 17. ~D2 ~B2      | 37. size: 3, 0 -1 -2   |
| 18. Err          | 38. size: 2, -1, -2    |
| 19. Err          | 39. size: 3, -1, -2, 8 |
| 20. C1 C2 C3     | 40. size: 3, 1, 2, -8  |