

Logic Homework – Day One

BRADLEY RETTLER

JANUARY 26, 2016

I Day One — pp. 1-40

I.1. I: 6, 8, 12, 18, 21. II: 5, 8, 9. IV: 1, 2, 3, 8, 9.

I.2. I: 3, 6, 8, 12, 20. II: 2, 8, 9. III: Pick any two. VI: 2, 3, 6, 8, 9.

I.3. I: 2, 3, 11, 14, 15, 18, 23.

I.1. I: 6. P: Animal species in Australia and Asia are very different. P: Asian placental mammals and Australian marsupial mammals have not been in contact in the last several million years. C: There was never a land bridge between Australia and mainland Asia.

I.1 I: 8. P: The classroom teacher is crucial to the development and academic success of the average student. P: Administrators are ancillary to the success of the of the average student. C: Teachers ought to be paid at least the equivalent of administrators.

I.1 I:12. P: My cat used to lock the doghouse. P: Cats won't do what you say. C: Cats can think circles around dogs.

I.1 I:18. P: Every art is thought to aim at some good. P: Every inquiry is thought to aim at some good. P: Every action is thought to aim at some good. P: Every pursuit is thought to aim at some good. C: The good has rightly been declared to be that at which all things aim.

I.1 I: 21. P: Loan oft loses both itself and friend. P: Borrowing dulls the edge of husbandry. C: Neither a borrower or a lender be.

I.1 II: 5. Drugs should be legalized.

I.1 II: 8. Elective cesarean section should not be practiced.

I.1 II: 9. Parents should allow children to fail.

1.1 IV: 1. True

1.1 IV: 2. False

1.1 IV: 3. False

1.1 IV: 8. True

1.1 IV: 9. True

1.2 I: 3. Yes. C: Freedom of the press is the most important freedom.

1.2 I: 6. Yes. C: Mosquito bites are not always harmless.

1.2 I: 8. Yes. C: Fiction lets us know how real people behave in unreal circumstances.

1.2 I: 12. Yes: The pace of reading depends on the reader.

1.2 I: 20. No. Expository.

1.2 II: 2. Yes. C: Social security is not merely a retirement program.

1.2 II: 8. No.

1.2 II: 9. No.

1.2 III: PICK ANY TWO.

1.2 VI: 2. necessary

1.2 VI: 3. sufficient

1.2 VI: 6. sufficient

1.2 VI: 8. necessary

1.2 VI: 9. sufficient

1.3 I: 2. Deductive. Uses 'must'.

1.3 I: 3. Inductive. Uses 'probably'.

1.3 I: 11. Deductive. Uses 'therefore' and no inductive indicator.

1.3 I: 14. Deductive. Modus ponens.

1.3 I: 15. Inductive. Uses 'probable'.

1.3 I: 18. Deductive. Follows from premises.

1.3 I: 23. Inductive. Only 'virtual' certainty.