1. **Section 1**
   1. Valid – Sound
   2. Valid – Sound
   3. Invalid – Unsound
   4. Valid – Sound
   5. Valid – Unsound
   6. Valid – Unsound
   7. Invalid – Unsound
   8. Valid – Sound
   9. Valid – Unsound
   10. Valid – Sound
   11. Invalid – Unsound
   12. Valid – Sound
   13. Invalid – Unsound
   14. Valid – Unsound
   15. Valid – Unsound
2. **Section 2**
   1. Strong – Cogent
   2. Weak – Uncogent
   3. Strong – Uncogent
   4. Weak – Uncogent
   5. Strong – Cogent
   6. Weak – Uncogent
   7. Strong – Uncogent
   8. Strong – Cogent
   9. Weak – Uncogent
   10. Weak – Uncogent
   11. Strong – Uncogent
   12. Strong – Uncogent
   13. Weak – Uncogent
   14. Weak – Uncogent
   15. Weak – Uncogent
3. **Section 3**
   1. Deductive – Valid
   2. Inductive – Weak
   3. Deductive – Valid
   4. Deductive – Valid
   5. Deductive – Invalid
   6. Inductive – Strong
   7. Inductive – Weak
   8. Deductive – Invalid
   9. Inductive – Strong
   10. Deductive – Valid
   11. Inductive – Weak
   12. Deductive – Invalid
   13. Inductive – Weak
   14. Deductive – Valid
   15. Inductive – Strong
   16. Deductive – Invalid
   17. Deductive – Valid
   18. Deductive – Valid
   19. Inductive – Strong
   20. Deductive – Valid
4. **Section 4**
   1. **Valid Deductive Argument**
      1. An argument in which it is impossivle for the conclusion to be false given that the premises are true.
   2. **Invalid Deductive Argument**
      1. A deductive argument in which it *is* possible for the conclusion to be false given that the premises are true.
   3. **Sound Argument**
      1. A deductive argument that is *valid* and has *all true premises*.
   4. **Unsound Argument**
      1. A deductive argument that is either invalid or has or more false premises, or both.
   5. **Strong Inductive Argument**
      1. An inductive argument in which it is improbable that the conclusion be false given that the premises are true.
   6. **Weak Inductive Argument**
      1. An argument in which the conclusion does not follow probably from the premises, even though it is claimed to.
   7. **Cogent Argument**
      1. An inductive argument that is *strong* and has *all true premises.* Also, the premises must be true in the sense of meeting the *total evidence requirement.*
   8. **Uncogent Argument**
      1. An inductive argument that is weak, has one or more false premises, fails to meet the total evidence requirement, or any combination of these.
5. **Section 5**
   1. False
   2. True
   3. False
   4. True
   5. True
   6. True
   7. False
   8. False
   9. True
   10. False
   11. False
   12. True
   13. False
   14. True
   15. False?