COS 402: Artificial Intelligence

A1. $1, 2, 4, 8, 16, \ldots \ \rightarrow \ 1, 2, 3, 4, \ldots$

A2. admissible $\rightarrow$ consistent

A3. α equals $\beta \ \rightarrow \ \alpha$ entails β
$\alpha \equiv \beta \ \rightarrow \ \alpha \models \beta$

A4. complete $\rightarrow$ sound

A5. Markov chain $\rightarrow$ naive Bayes

A6. Markov's rule $\rightarrow$ Bayes' rule

A7. signs $\rightarrow$ phones

A8. quadratic $\rightarrow$ linear

A9. Markov conditions $\rightarrow$ Bellman equations

A10. larger $\rightarrow$ smaller

A11. CORRECT

A12. statistical $\rightarrow$ computational

B1. a, b, f.

B2. b, c.

B3. f.

B4. Given what was covered in class, the independencies that can be inferred are:
a, b, c, d.

B5. a, d.

B6. a, c.

C1. B, N, N, B.

C2. B, B, S, S, N.

C3. H, M, B, M, H.

C4. L (or B), D, S, B, L, T, K, K, T.