Errata List for *Schaum Outlines: Logic*, Second Edition, by Nolt, and others. List updated 10/26/11.

p. 17 Line 14b (Line 14 counting from the bottom). The phrase “Chapters 1, 2, 7, and 8" should be “Chapters 1, 2, 8 and 9”

p. 17 Line 14b. The phrase “Chapters 3, 4, 5, 6, 9, 10” should be “Chapters 3, 4, 5, 6, 7, 10”

p. 54 2nd sentence. Replace “A subwff is a part of a wff which is itself a wff” with “A subwff of a wff is any wff used in the building up of the wff using the rules of formation. For example, the wff ‘~A v L’ is built up the following way from the rules of formation: A, L, ~A, ~A v L. Therefore ~A is a subwff, because it occurs in this list. However, ‘A v L’ is not a subwff even though it is part of the wff.”

p. 54 In the problem directions, change “Use premise and conclusion indicators to distinguish premises form conclusions (see Section 1.2).” to “Use premise and conclusion indicators to discover premises and conclusions (see Section 1.2), but when formalizing use the turnstile to distinguish the premises from the conclusion.”

p. 76 add a checkmark to the left of “P & ~P”.

p. 147 line 5. Change “come out true” to “come out false.”

p. 149 In solved problem 6.21, change ∃y∀yGxy to ∃x∀yGxy.

p. 154 Remove the checkmark from the wff in line 4 of the tree in solved problem 6.28.

p. 193 The answer on line 6b is for (19) and not (20).

p. 282 In solved problem 11.8 in the conclusion of the proof of the theorem, change ‘&’ to ‘v’.

p. 285 In the first line of solved problem 11.12, remove: ‘P’ for ‘is a point’ and

p. 299 The explanation of the new rule of inference “Necessitation” says φ must have “been proved without making any assumptions.” Instead of “assumption,” the book should say “assumption that is not an axiom.” [this is more a reminder than a typo]

p. 301 The reason in line 7 of problem 11.30 is “➔I” but should be “➔E”

p. 304: In questions for section VI, question (9) is missing, and question (10) should be

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$\Diamond(P \,\&\, Q) \rightarrow (\Diamond P \,\&\, \Diamond Q)$