ANSWERS AND HINTS TO STUDY QUESTIONS (SQs)

CHAPTER 12: Nonparametric Tests

SQ12-1: B, C, and D.

SQ12-2: C and D.

SQ12-3: Male and female teachers do not differ in their evaluations of the school principal on overall job performance [$z = -1.66, p = .067$].

SQ12-4: There is a statistically significant decrease in students’ aggressive behavior for the pre-session to post-session period of time, $z = -3.373, p = .001$.

SQ12-5: The students’ responses on this test item cannot be attributed to random guessing, $\chi^2(2) = 7.429, p < .05$. [Hint: You can use SPSS as shown in Example 12.6, but with all categories having equal weight.]

SQ12-6: The students in the graduate school of education do not have preference regarding the four optional courses (C1, C2, C3, and C4), $\chi^2(3) = 2.11, p = .55$.

SQ12-7: There are music preferences (Jazz, Country, Classical, and Pop) among adults and teenagers, $\chi^2(3) = 12.507, p < .05$. 