**Name:** …………………………………………………. **Date: ………………..**

**SCORE: ……………………………………………….**

**Exercise 1:** **Chi Square –GSS2006 – (New)**

*Using the GSS 2006 Data File, generate a crosstabulation table in R between social class* ***(‘class’)*** *and support for gun permit laws* ***(‘gunlaw’)*** *and answer the following questions*

1. How many respondents are lower class?

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1. How many respondents favor gun permits?

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1. How many middle class respondents favor gun permits?

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1. What percentage of respondents are working class?

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1. What percent of respondents oppose gun permits?

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1. What percentage of the upper class favor gun permits?

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1. What is the Chi – Square value for the relationship between social class and attitudes toward gun permits?

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1. What is the alpha value for this Chi-Square?

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1. What does this tell us about the relationship between social class and attitudes toward gun permits?

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**Exercise 2:** Chi Square – GSS2016

*Using the GSS 2016 Data File, generate a crosstabulation table in R between social class* ***(‘class’)*** *and support for gun permit laws* ***(‘gunlaw’)*** *and answer the following questions*

1. How many respondents are lower class?

**……………………………………………………………………………………………………………………………………………...........................**

1. How many respondents favor gun permits?

…………………………………………………………………………………………………………………………………………………………………………..

1. How many middle class respondents favor gun permits?

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1. What percentage of respondents are working class?

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1. What percent of respondents oppose gun permits?

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1. What percentage of the upper class favor gun permits?

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1. What is the Chi – Square value for the relationship between social class and attitudes toward gun permits?

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1. What is the alpha value for this Chi-Square?

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1. What does this tell us about the relationship between social class and attitudes toward gun permits?

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**Observations and Conclusions: - Summary**

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