Exam 4 Keyword- STAT 303 Session 201

Summer 2009

1. ANOVA Table (Work-out) (15 points)
2. Interpretation of ANOVA
3. Assumption of ANOVA
4. Interpretation of Regression Analysis
5. Alternative Hypothesis for Each Analysis
6. Assumption of χ^2-test
7. Assumption of ANOVA
8. Residual Plot and Assumption of Regression Analysis
9. General Knowledge of Regression Analysis
10. General Knowledge of ANOVA and χ^2-test
11. The relation between F-stat and standard deviations in ANOVA
12. Interpretation of χ^2-test
13. Two Sample Z-Test for Proportion (10 points)
14. Two Sample T-Test for Mean and Relationship between confidence interval and hypothesis testing (10 points)
15. Paired T-Test (6 points)
16. Sample Size Calculation for Sample Mean (4 points)