Answers to Statistical Exam Preparation Questions

1. two-sample difference test—Wilcoxon
2. chi-square goodness-of-fit—proportional
3. correlation analysis
4. Poisson probability
5. Pearson's correlation coefficient
6. Poisson probability
7. analysis of variance (ANOVA)
8. Pearson's correlation coefficient
9. confidence interval
10. one-sample difference of means—Z
11. Kolmogorov-Smirnov goodness-of-fit—normal
12. matched-pairs t
13. Pearson's correlation coefficient
14. regression analysis
15. Kolmogorov-Smirnov goodness-of-fit—normal
16. Pearson's correlation coefficient
17. two-sample difference of proportions
18. one-sample difference of proportions, one-tailed
19. regression
20. Poisson probability
21. two-sample difference of proportions
22. two-sample difference of means—Z
23. chi-square goodness-of-fit—equal
24. standard deviation
25. analysis of variance (ANOVA)
26. chi-square goodness-of-fit—equal
27. Kruskal-Wallis analysis of variance
28. two-sample difference test—Wilcoxon
29. natural breaks
30. Pearson's correlation coefficient
31. equal intervals based on range
32. regression analysis
33. Spearman 's rank correlation coefficient
34. matched-pairs t
35. Poisson probability
36. one-sample difference of proportions, one-tailed
37. one-sample difference of means—Z or t
38. regression analysis
39. matched-pairs t
40. one-sample difference of means—t
41. two-sample difference of means t, one-tailed
42. Pearson's correlation coefficient
43. regression analysis
44. two-sample difference of proportions
45. Spearman's rank correlation coefficient
46. Poisson probability
47. Pearson's correlation coefficient
48. matched-pairs t
49. Wilcoxon matched-pairs signed-ranks
50. binomial probability