These are the Formulas you need to know. They will not be given to you:

Exam 1 Formulas (see Exam 1 Study Guide, page 13):
Z = (value –average)/SD
EV and SE for sums, averages, and percents
Short-cut formula for SD for 0-1 boxes
Z= (Value-Expected Value)/SE

Exam 2 Formulas (see Exam 2 Study Guide):
Confidence Intervals using Z and t curves
Significance tests: 1 sample and 2 sample Z and t tests, chi square tests.
Type I and Type II errors and Power

Exam 3 Formulas (Exam 3 study guide, page 1):
Slope of the regression line
Significance tests for simple regression (Z and t)
Significance tests for multiple regression (Chi square and F)
ANOVA for regression and means

Post Exam 3 Formulas
3 forms of logistic regression model: ln(odds), odds, probability
Odds, and OR
Z and chi square tests
Rank sums and U for Wilcoxon Mann Whitney, Z test
Rank sums for Kruskal Wallis, Chi square test
Spearman r, Z test

These are the ONLY Formulas that will be given to you:

$$SD_{errors} = \sqrt{1-r^2} * SD_y$$

$$\textbf{SE}_{\textbf{slope}} = \frac{SD_{errors}}{\sqrt{n} * SD_x} = \frac{\sqrt{1-r^2}}{\sqrt{n}} * \frac{SD_y}{SD_x}$$

$$SE_{R_A} = SE_{R_B} = SE_U = \sqrt{\frac{n_A n_B (N+1)}{12}}$$

$$H = \frac{12}{N(N+1)} \sum_{i=1}^{g} \frac{(obsR_i - expR_i)^2}{n_i}$$

$$SE_{r_s} = \frac{1}{\sqrt{n-1}}$$