-qualitative vs. quantitative variables
-box and whisker plots
-correlation coefficient
-coefficient of determination
-residuals
-outlier, influential point
-properties of normal distribution, find sd and mean for a normal dist.
-z-scores
-mean, median, mode for a data set, weighted mean
-probability involving two dice
-independent events (e.g., multiple choice test)
-additive principle for probability (e.g., how many students enrolled in $A \underline{O R} B$ ?)
-conditional probability (e.g., male-female vs. subjects, in table form)
-identifying dependent events
-definition of a simulation
-experimental probability tossing a coin
-permutations notation (writing, working with it)
-combinations notation (writing, working with it)
-characteristics of a binomial experiment
-definition of a discrete random variable
-expected value (e.g., rolling a single die, family having so many g/b if they want $x$ children)
-binomial vs geometric vs hypergeometric distributions

Part B—Application \& Communication (Tentative: Select 3 of 5 sets to answer)
Set 1:
-experimental probability, tree diagram for multiple-choice test
Set 2:
-expected value, working with equation involving permutations
Set 3:
-z-scores
Set 4:
-histogram, scatter plot/regression equation/r-value/making a prediction using model
Set 5:
-probability distributions

Part C—TIPS (Tentative: Answer 2 of the 4)
-regression analysis (must determine if line or curve is appropriate), use regression equation to answer the problem
-median of a data set
-probability of independent events
-probability distributions

