Statistics

1) a. The probability of rejecting H0 when H1 is true
2) a. correct hypothesis
3) d. Type I error
4) b. the t distribution with n - 1 degrees of freedom
5) a. accepting Ho when it is false
6) d. a two-tailed test
7) b. the probability of committing a Type I error
8) a. the probability of committing a Type II error
9) a. $z > z\alpha$
10) c. the level of significance
11) a. level of significance
12) c. Standard Error of the Means

13) ANOVA in SPSS, is used for examining the differences in the mean values of the dependent variable associated with the effect of the controlled independent variables, after taking into account the influence of the uncontrolled independent variables.

14) - interval data of the dependent variable
    - normality
    - homoscedasticity
    - no multicollinearity

15) The only difference between one-way and two-way ANOVA is the number of independent variables. A one-way ANOVA has one independent variable, while a two-way ANOVA has two.