

## Statistics-Worksheet8

1. B
2. B
3. D
4. B
5. D
6. B
7. D
8. B
9. A
10. D
11. A
12. D
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. The ANOVA has several assumptions that need to be fulfilled
  - (1) interval data of the dependent variable
  - (2) normality
  - (3) homoscedasticity
  - (4) 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.