Statistics Worksheet – 8

Ans. 1) b

Ans. 2) b

Ans. 3) d

Ans. 4) c

Ans. 5) a

Ans. 6) d

Ans. 7) b

Ans. 8) a

Ans. 9) b

Ans. 10) c

Ans. 11) a

Ans. 12) d

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

Ans. 14) ANOVA has several assumptions to be fulfilled.
Interval data of dependent variable
Normality
Homoscedasticity
No multicollinearity

Ans. 15) Difference between one way anova and two way anova is number of independent variables.one way Anova has one independent variable and two way anova has two independent variable.