

1. The following are causes of errors in measuring precipitation except:
 - A. wind as a function of gauge height
 - B. **watershed size**
 - C. splash and evaporation
 - D. small diameter gauges

2. Influent total suspended solids have a value of 230 mg/l, the final effluent total suspended solids has a value of 6 mg/l the percent removal is:
 - A. 9.4%
 - B. 99%
 - C. 95%
 - D. **97%**

3. According to Robert E. Horton, the equation of infiltration capacity curve, is (where letters carry their usual meanings):
 - A. $f = f_c (f_o - f_c) e^{kt}$
 - B. $f = f_t - (f_o - f_c) e^{-kt}$
 - C. **$f = f_t + (f_o - f_c) e^{-kt}$**
 - D. $f = f + (f_o - f_c) e_{kt}$