

Name: _____ Lab section: _____

Chap 12 Quiz - Hydrologic Statistics and Hydraulics

1. A Curve Number of 95 is most likely typical of
 - (a) farmland
 - (b) forestland
 - (c) suburbs
 - (d) parking lot

2. Manning's equation is used to measure (circle any)
 - (a) flow depth
 - (b) flow velocity
 - (c) stream discharge
 - (d) flow area

3. What is cross-sectional area and discharge of a stream if the average depth is 9", the width is 20 feet, and the velocity is 27 feet per minute

Area:	Discharge:
a. 15 ft ²	a. 6.75 cfs
b. 150 in ³	b. 4,860 AF/yr
c. 1.5 ft ³	c. 400 in/day
d. 180 in ²	d. 3000 gpm