## **GEOL 332 Quiz 4: Particle Size Distribution**

Name: Date: Modality: (choose A or B) Α Cumulative Volume (%) (1) Which particle size distrubution is bimodal? (2) Which sediment sample is from a beach? \_\_\_\_\_ (3) Which sediment sample is from a river? Kurtosis: (choose C or D) (4) Which particle size distribution has high Kurtosis? В (5) Which sediment sample is from a beach? (6) Which sediment sample is from a river? \_\_\_\_\_ C D (b) Ε Skewness: (choose E, F, or G) (7) Which particle size distribution is negatively skewed? (8) Which particle size distribution is positively skewed? (9) Which sediment sample is from a beach? \_\_\_\_\_ F (10) Which sediment sample is from a river? Excess G Particle Size (φ) Sedimentary Environment: (choose I, J, or K) 0.1 (11) Which distribution is possibly transported by Traction? Cumulative %, probability scale (12) Which distribution is possibly transported 90 10 by Saltation? (13) Which distribution is possibly transported 50 50 by Suspension? 10 2¢ break 99 0.1

> 2 3 Particle size ( $\phi$ )

Α

Particle size (mm)

0.25 0.125 0.067