

Review sheet – WED Unit test 36 questions (2 are ESRT)

1. What is physical weathering? Provide examples.
2. What is chemical weathering? Provide examples.
3. What conditions increase chemical weathering?
4. How does density, shape, and size of the sediment affect the setting time and rate of deposition?
5. How is surface area related to the rate of weathering?
6. Know how to identify cut banks and point bars on a meander.
7. Draw a stream profile based on the meanders.
8. Explain how soil is made.
9. List the ways in which sediment is carried in a stream.
10. What is the difference between transported and residual soils?
11. Know how to use the ESRT for transported soils.
12. How does sediment change after it has been transported by abrasion in a stream for a long time?
13. What is the greatest agent of erosion? The greatest force of erosion?
14. What are the factors that affect the velocity of a stream?
15. What shape valleys do streams carve out?
16. What shape valleys do glaciers carve out?
17. What is the general relationship between stream velocity and the particle size it can carry?
18. How does a stream deposit sediment when it enters into a lake?
19. How does it deposit sediment when it enters and ocean?
20. Know how to identify the sequence the best represents how a stream evolves over time.