

Chapter 4 : READ for Information

Directions: Read and underline pp.95-105.

1. Physical weathering: _____

Two examples: _____

2. Chemical weathering: _____

Two examples: _____

3. As surface area increases, weathering _____

4. Climate type for most chemical weathering: _____

5. How do soils form? _____

6. What general type of soil do we have in NYS? _____

7. List TWO ways to protect soil: _____

8. List the four agents of erosion: _____,

_____ ,

_____ , _____

9. Ex of mass wasting: _____

10. Main agent of erosion in moist areas: _____

11. Streams transport sediments by _____,

_____ , _____

12. Use ESRT p. 6.. as stream velocity increases, particle size that is transported _____. This is a _____ relationship.

13. define discharge: _____

14. define meander: _____

15. figure 4-9, where is the stream moving fastest? _____

16. figure 4-10, where is the stream moving fastest? _____ why? _____

17. How do valleys look after glaciation? _____

18. Describe sediment moved by each:

Gravity: _____

Running water: _____

Glacier: _____

Wind: _____

19. Factors of deposition – list each, draw a graph and write a relation statement:

a. _____

b. _____

c. _____

d. _____

20. Compare horizontal and vertical sorting: _____

21. Describe sediment deposited by each:

Gravity: _____

Running water: _____

Wind: _____

22. **Know ALL vocabulary listed at the start of the unit.**

Workbook Questions

49. _____

Chapter 4: W,E,D

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Chapter 4 Review Questions

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