

Student Name: _____

Environmental Science EOT 2 Review Sheet Questions. Answer the questions and return to your instructor for grading. Where do I locate the answers? In your Environmental Science Textbook.

1. What are domesticated animals?
2. What may cause bacterial to develop resistances?
3. What are GMOs and how do they differ from natural plants?
4. How do farmers use pesticides on GMOs?
5. Provide an example of biological pest control.
6. Provide 3 causes of malnutrition.
7. How can pesticides pollute groundwater when they are used around porous soil?
8. What are windbreaks and why are they used?
9. When it comes to soil, why are farmers most concerned with the A horizon, and not the B, C, or D horizons?
10. What kinds of agents may degrade water quality and ultimately pollute the water?
11. Define: Desalinization.
12. Define: Littoral
13. Define: Limnetic
14. Does Sedimentary rock require heat to form? Why? Or Why not? Explain.
15. What causes igneous rock to change into metamorphic rock?
16. When magma cools and crystallizes, what kind of rock is formed?
17. Explain soil degradation and its causes.
18. Explain the differences between renewable and nonrenewable resources.
19. Explain the differences between point source pollution and nonpoint source pollution.
20. Provide 3 ways that fresh water is used in industry.
21. Describe water conservation and how it may benefit humanity.
22. What is the biggest watershed in North America?
23. What is the biggest watershed in South America?
24. What is the biggest watershed in Africa?
25. What is the biggest watershed in Europe?
26. What is the biggest watershed in Asia?
27. What is the biggest watershed in Antarctica?
28. Provide two examples of nonpoint-source pollution.
29. Which is easier to control, nonpoint source pollution or point source pollution? Why?
30. Provide 7 ways that you can conserve water around the home and work or school.
31. Provide 5 facts about aquifers.
32. Describe all the types of locations where Earth's surface water may be found?
33. Where is the greatest percentage of Earth's surface water located?
34. Provide 7 causes of eutrophication.
35. What kinds of water runoff problems can be caused by old-leaky septic tanks?
36. Describe the Clean Water Act and what it has accomplished.
37. Explain how fresh water is used in agriculture.
38. Explain how fresh water is used in industry.
39. Explain how fresh water is used by people in a personal fashion.

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40. What is another name for a watershed?
41. What is another name for a drainage basin?
42. What percent of Earth's water is fresh?
43. What percent of Earth's water is salty?
44. What percent of Earth's water is frozen?
45. What percent of Earth's water is beneath the ground?
46. Describe the Clean Air Act and what it has accomplished.
47. What has been problematic about lead and the environment over that past century?
48. How does air pollution cause respiratory diseases?
49. Describe the Kyoto Protocol and what it has accomplished?
50. Explain how relative humidity is found.
51. What are CFCs and how they affected Earth's ozone?
52. What are the causes of temperature inversion?
53. Provide 5 facts about limestone.
54. Describe what the layers of soil are called and provide an example of each.
55. Describe the Superfund Act and what it has accomplished.
56. Provide 3 examples of how hazardous waste may be classified.
57. Explain the weathering process and how heat, water, ice, and sand are involved.
58. Explain what intrusion means in the geologic sciences.
59. Provide 3 examples of human activity that causes tremendous erosion to landscapes.
60. Identify 5 renewable resources and 5 non-renewable resource (Note, remember the 100-year litmus test).
61. How are fossil fuels such as coal, crude oil, and natural gas generated through decomposition.
62. Provide one benefit and one disadvantage of wind power.
63. What is ocean thermal energy?
64. What is tidal energy?
65. Provide 3 ways that hydropower harm ecosystems.
66. What renewable form of energy is growing the fastest?
67. What renewable form of energy is growing the slowest?
68. Describe the components of a nuclear powerplant.
69. Explain the location where nuclear fission takes place in a nuclear power plant.
70. What kind of fossil fuel is believed to be depleted first?
71. How is the DNA changed in a species the make a GMO?
72. Describe biodegradable and give 3 examples of biodegradable products.
73. What is organic waste and how is it managed in most countries?
74. Describe 3 problems that plastic is causing planet Earth.
75. Identify the greenhouse gasses and what they are doing to Earth.