QUIZ NO. 5

EARTH SCIENCE

SESSION 05: GROUNDWATER

Choose the BEST answer

1. Water is unique because of the following, except
2. It is a clear liquid
3. It expands when it freezes
4. It is essential for life
5. It absorbs heat when it evaporates and releases heat when it freezes.
6. Is an unlimited resource
7. Conversion of liquid to vapor is
8. Condensation
9. Precipitation
10. Evaporation
11. Runoff
12. Infiltration
13. Evapo-transpiration is
14. Rare
15. Evaporation plus transpiration
16. Transpiration plus evaporation
17. A and B
18. B and C
19. The correct order of process is
20. Surface run off, precipitation, salt water intrusion
21. Evaporation, condensation, precipitation
22. Groundwater, evaporation, surface run off
23. Infiltration, evaporation, condensation
24. Surface run off, condensation, infiltration
25. \_\_\_\_% of the earth’s fresh water is in the form of ice
26. 23%
27. 51%
28. 76%
29. 82%
30. 94%
31. Many of California’s groundwater basins are in a condition of overdraft
32. True
33. False
34. Groundwater contamination can be hazardous to your health
35. True
36. False
37. When water is extracted from an aquifer, a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is created around the well.
38. Perimeter
39. Water Table
40. Cone of Depression
41. Dry zone
42. Undersaturated zone
43. To have artesian flow you need all the following except
44. Confined aquifer
45. Unconfined aquifer
46. Low Porosity Barrier
47. Recharge Area
48. Infiltration
49. If Isabella dam were filled to capacity and the dam failed in an earthquake, there would be \_\_\_\_ feet of water at the BC SW Center
50. 2
51. 4
52. 8
53. 12
54. 16