

Tuesday Lab

Quiz 2

Name Answers

W&WW Lab, Spring10

ID#(last 4 digits) _____

Identify the following lab equipment by placing the correct name next to the number.

1. Erlenmeyer flask
2. BOD Bottle
3. Volumetric Pipette
4. Bulkner Funnel
5. Reagent Bottle
6. Volumetric Flask
7. Vacuum Flask
8. Tongs
9. Condenser
10. Buret

Answer Sheet

~~02/02/2010~~ 02/02/2010

Place true or false next to the statements below.

11. F The conductivity meter is able to measure precisely the total dissolved solids.

12. F % Transmittance vs. Concentration is NOT linear on semi-log paper in a Spectrophotometer measurement.

13. T Lambert & Beer's Law determined that light absorption varies with concentration.

T or F 14. ~~F~~ T Analytical Balance is able to measure to within 0.1 gram. *0.1mg.*

15. F The alkaline range for pH measurement is 0 to 7.0.

16. T The proper range of the calibration slope on a pH meter is 95% to 102%.

17. F The proper reading on a buret is at the bottom of the meniscus.

18. T The order of best to worst accuracy is Volumetric flask, graduated cylinder, Erlenmeyer flask.

19. T Burets are used primarily for titrations.

20. T Conditioning two or three times will insure that the concentration of titrant is not changed by a stray drop of water.