

# Tulane Physical Geology Lab

Name \_\_\_\_\_ EENS 113- \_\_\_\_\_

## Questions from the Topo32 Program

1. What is the name of the agency that publishes topographic maps for the United States?
2. Name three things that can be determined from topographic maps.
3. What is the term used for the difference between true north and magnetic north?
4. What color is used to represent water on most maps?
5. What color is used to represent contour lines on most maps?
6. What does a map scale show?
7. **T or F** Units in both the numerator and denominator of a fractional scale are the same.
8. A **1: 24,000** scale shows (more or less) detail than a **1: 250,000** scale.
9. Where are lines of longitude and latitude measured from?  
longitude...  
latitude...
10. What is topography?
11. What reference plane is normally used to create topographic maps?
12. What do contour lines connect?
13. What do widely and closely spaced contour lines represent?  
widely ...  
closely ...
14. What is a bench mark (BM) telling you?
15. How do you know which direction a river is flowing on a contour map?
16. What does a topographic profile show you?
17. Why is the vertical scale usually different from the horizontal scale?
18. How is vertical exaggeration calculated?
19. How are closed depressions represented on a topographic map?
20. What is the contour interval of a topographic map?

# **Tulane Physical Geology Lab**

## **Topo32 Program**

**Click the Start button in the lower left-hand part of the window.**

**Click on “All Programs”**

**Click on the “Topo32” Icon**

**Topo32 is in TCC 010 Computer Lab only!!!**

### **Spring 06**

Technology Services has opened a new computer lab in the Temporary Classroom Complex (TCC) Room 010. The TCC is located between Butler Hall and Newcomb Place, directly east of the Health Center, close to Willow Street. Students will be required to log into the machines using their email account user name and password. The lab is open 7 days a week from 8:00 a.m. to 10:00 p.m.