

## **Museum Questions/Tour (Due November 30, 2010)**

As you enter the Florida Museum of Natural History, there are three areas that we want you to visit. The First is in the main hall

- (1) What two large (now extinct) mammals are on display in the main hall?
- (2) Where were these two fossils found? What are the differences?
- (3) When did these animals live?

### Hall of Evolution/Florida Fossils

- (1) As you walk through the Hall, note the geological time scale. In terms of Geological Period, what Period is most represented in the Hall of evolution?
- (2) What epochs of geologic time are represented by the fossils?
- (3) What are 'ungulates'?
- (4) What are 'tapirs'. What age are the fossil tapirs from Florida?
- (5) Were there rhinoceroses in Florida? If so, when? How do you imagine they differ from modern rhinoceroses?
- (6) How big is the giant sloth?
- (7) When did giant sloths live in Florida?
- (8) What are entelodonts? What is their nickname?
- (9) What is important about the Pliocene in terms of plate tectonics?
- (10) What is the Great American biotic interchange? Did most animals move south to north or north to south? Why?
- (11) What is "Titanis Walleri?". Do you think it would be a tasty Thanksgiving treat?
- (12) What is a glyptodont?
- (13) What is "Xenosmilus hodsonae"? What other extinct animal does it resemble?
- (14) What is *Arctodus simus*?