

Homework # 5 –

1. Distinctive features of sauropodomorph include
 - a. short necks
 - b. long necks
 - c. body armor
 - d. cone-shaped teeth
 - e. two digit manus

2. Sauropodomorpha consists of which two clades ?

_____ & _____

3. Important novelties of *Plateosaurus* include its
 - a. jaw joint below the level of the teeth
 - b. coarsely serrated teeth
 - c. large claw on the digit I of the manus
 - d. all of the above
 - e. none of the above

4. Diplodocid bodies were
 - a. long and relatively lightly built
 - b. short and heavy
 - c. more than 40 meters long
 - d. buoyed up by water

5. The body of a *Camarasaurus* was
 - a. long and relatively lightly built
 - b. solid but neither long nor extremely heavy
 - c. less than 20 meters long
 - d. none of the above

6. The last known North American sauropod of the Late Cretaceous was
 - a. *Brachiosaurus*
 - b. *Opisthocoelicaudia*
 - c. *Euhelopus*
 - d. *Alamosaurus*

7. Evidence for group behavior in sauropods comes from
 - a. trackways
 - b. mass death assemblages
 - c. nests of eggs
 - d. a and b

8. True or False – *Diplodocus* was a plant eater.

9. The sudden reappearance of sauropod dinosaurs in North America about 70 million years ago probably reflects

- a. immigration from South America
- b. biases in North American collection
- c. re-evolution
- d. convergence

10. Evolutionary novelties of the ornithopods include

- a. lower jaw joint located beneath the level of the tooth rows
- b. extensive body armor
- c. clawed hands
- d. all of the above

11. Characteristic features of iguanodontids include

- a. clawed hands
- b. equal length forelimbs and hind limbs
- c. a long, horse like snout
- d. large tusks
- e. a horn on its nose

12. Characteristic features of hadrosaurids include

- a. intricate dental batteries
- b. broad beaks lacking teeth
- c. jaw mechanisms
- d. all of the above

13. The skull to the right is from a [sauropoda | ornithopod].

14. The skull to the right is from a(n) [heterodontosaurus | lambeosaurine | carnosaurus | ceratosaurus].

15. The skull to the right is from a(n) [ornithischian | saurischian].



Extra Credit) The diet of the dinosaur shown above was most likely [meat | plants].