Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Quiz #3

1. In birds, the \_\_\_\_\_\_\_, or bastard wing, is the name given to the first digit of the forelimb, while the \_\_\_\_\_\_\_\_ is the name given to the first digit of the foot.
2. Name the skeletal structure that surrounds the eyes of birds that function as points of attachments for muscles of accommodation.
3. In the bird, the cranium is formed via a fusion of five roofing bones. Name three of these bones.
4. The sternum of the bird is broad with an exaggerated \_\_\_\_\_\_\_\_\_\_\_\_\_\_, which is the site of muscle attachment for the robust chest muscles needed for flight.
5. Match the following mammalian teeth to their form and function:

\_\_\_ Incisors A. Conical, piercing and holding

\_\_\_ Canines B. Bladelike, shearing meat and cracking bone

\_\_\_ Molars/Premolars C. Bladelike, Nipping pieces of food

\_\_\_ Carnassials D. Flat or bladelike, chewing

1. The \_\_\_\_\_\_\_\_\_ is an unpaired cranial bone entirely associated with the nasal cavity. The bulk of this structure is filled with scrolled, thin plates of bone that fill the nasal cavity.
2. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bone forms the lateral boundary of the eye orbit. The large process of this bone forms an arching cheek prominence unique in mammals.
3. On the posterior end of the mammalian skull, there are two prominent structures: the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ where the atlas (first vertebra) articulates, and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ which is a large opening that marks the site of transition from brain to spinal cord as the central nervous system enters the vertebral canal.

WORD BANK

