

BEGINNING CAT DISSECTION: EXTERNAL FEATURES, BONES, MUSCLES

For each of the following structures, describe location and explain function.

1. Regions:

- a. Dorsal**
- b. Ventral**
- c. Anterior**
- d. Posterior**
- e. Proximal**
- f. Distal**
- g. Lateral**
- h. Medial**
- i. Thoracic**
- j. Abdominal**
- k. Pelvic**
- l. Caudal**

2. External structures

- a. Pinnae**
- b. Superior palpebra**
- c. Inferior palpebra**
- d. External nares**
- e. Vibrissae**
- f. Nictitating membrane**
- g. Nipples**
- h. Philtrum**
- i. Tori (torus)**

3. Bones – axial skeleton

- a. Nasal**
- b. Frontal**
- c. Temporal**
- d. Occipital**
- e. Maxilla**
- f. Parietal**
- g. Sagittal crest**
- h. Frontal process**
- i. Zygomatic process**
- j. Temporal process**
- k. Vertebrae: cervical (7), thoracic (13), lumbar (7), sacrum (3), caudal**
- l. Os coxae**
 - i. Ilium**
 - ii. Ischium**
 - iii. Pubis**
- m. Sternum**

4. Muscles – separate each grouping. Include origin, insertion, and action.
- a. Cutaneous maximus
 - b. Platysma
 - c. Xiphohumeralis
 - d. Pectoralis minor
 - e. Pectoralis major
 - f. Pectoantebrachialis
 - g. Deltoid
 - h. External oblique
 - i. Internal oblique
 - j. Transversus abdominus
 - k. Rectus abdominus
 - l. Serratus anterior
 - m. Latissimus dorsi
 - n. Trapezius
 - o. Rhomboideus
 - p. Supraspinatus
 - q. Infraspinatus
 - r. Triceps brachii
 - s. Biceps brachii
 - t. Brachialis
 - u. Brachioradialis
 - v. Extensors (forearm) 5 –
 - w. Flexors (forearm) 2 –
 - x. Manus muscles
 - y. Sartorius
 - z. Gracilis
 - aa. Adductors
 - bb. Semimembranosus
 - cc. Semitendinosus
 - dd. Gluteus medius
 - ee. Gluteus maximus
 - ff. Tensor fascia latae
 - gg. Biceps femoris
 - hh. Rectus femoris
 - ii. Vastus lateralis
 - jj. Vastus medialis
 - kk. Vastus intermedius
 - ll. Gastrocnemius
 - mm. Soleus
 - nn. Tibialis anterior
 - oo. Extensor digitorum longus
 - pp. Peroneus longus (fibularis longus)