Study Guide    Quiz #1    Anatomy-30

Quiz # 1 covers the lab exercise 1, 2 and Quiz #2 covers Appendix A given at the end of lab manual.

Exercise 1:

1. Anatomical Position: A standard position with head and toes pointing forward, arms on the sides and palms facing forward. Supine: lying with face up; Prone: lying with face down.


3. **Body Orientation and Direction**: Superior-above and Inferior-below; Anterior-front and Posterior-back; Medial-toward the midline and Lateral-away from the midline; Cephalad = Cranial- toward the head and Caudal-toward the tail; Dorsal-backside and Ventral-belly side; Proximal-nearer the trunk or attached end and Distal-farther from the trunk or point of attachment; Superficial = External-toward or at the body surface and Deep = Internal-away from the body surface. Activity 3 – page 4.

4. **Body Planes and Sections**: Sagittal plane – antero-posterior plane dividing the body into left and right halves; Frontal = Coronal plane – side to side plane dividing the body into anterior and posterior parts; Transverse plane – horizontal plane dividing the body into superior and inferior parts. Fig 1.3

5. **Body Cavities**: 2 main cavities in Axial part of body = head, neck and trunk; Dorsal cavity – cranial cavity in head for brain and spinal cavity in spine or backbone for spinal nerve cord; Ventral cavity – Thoracic cavity in chest for heart and lungs, and abdominopelvic cavity in abdomen for stomach, liver, intestines and reproductive organs. Fig 1.5

6. **Abdominopelvic quadrants and regions**: 4 quadrants and 9 regions Fig 1.6.

7. **Study** the review sheet 1 questions.

Exercise 2

8. Study table 2 for getting familiar with 11 main systems of body. Do not read any parts related to rat dissection.