

ANATOMY 2nd SEMESTER REVIEW GUIDE

To prepare for the 2nd semester final, the following topics will need to be reviewed. The format of the test will be some multiple choice, some fill in the blank, and some short answer/essay questions. All questions have been taken from previous tests. Apart from the written portion of the test, you will also have lab practical portions: muscular, digestive, circulatory (including the heart) reproductive (including urinary), respiratory and the brain. You have the checklist from each system, so you know which items you are responsible for. Obviously, you will not be tested on each and every item listed on the checklist, but you will be asked structure and function of a representative number of items from your list.

Muscular/Skeletal systems

Muscles/external structures from list (lab practical)

Digestive system

Identification of structures (lab practical)

Digestive pathway

Basic enzymes, where they are secreted, and what they do

Functions of digestive system parts, including accessory organs

Biochemical lab questions

Circulatory system

Overall circulatory pathway (sequence of structures)

Pericardial sac

Arteries and veins of the upper and lower extremities (lab practical)

Heart structures identification (lab practical)

Urogenital system, respiratory system, nervous system

Identify overall structures of the brain (lab practical)

Identify structures of the reproductive and urine excretory system (m & f; lab practical)

Identify structures of the respiratory system (lab practical)

General nerve anatomy

Endocrine system

Secreting glands

Hormones and their actions

Special senses

Receptors

Eye anatomy and disorders

Ear anatomy and disorders

How we see, hear, maintain balance