***Biology 112 Exam Review***

***50 Multiple choice from the following subject areas:***

Scientists

Difference between prokaryotic and eukaryotic cells

Characteristics of living things

Characteristics of mosses

Diffusion/osmosis

Genus/species-successful breeding between members

Fungi and reproduction

Characteristics of kingdoms

Binary fission/conjugation in bacteria

Angiosperms/gymnosperms

Thoracic cavity and organs present

Characteristics of a 4 chambered heart

Amniotic egg

Solutions

Characteristics of sponges, amphibians, arthropods, reptiles, fish, chordates, and mammals

Breathing movements

Erythrocytes/red blood cells

Function of stomach and small intestine

Cellular respiration

Peristalsis

Parts of the digestive system and function

Shapes of bacteria

Function of iron in hemoglobin

T cells/b cells

***45 matching questions from the following topics:***

Organism matching. Match organisms with their characteristics

Chordate matching. Match chordates with their characteristics

Illness matching. Match illnesses with their characteristics

Biology terms matching. Match biology terms with their description

***13 Short Answer from the following topics:***

Blood Matching

Breathing movements

Enzymes and their functions, parts of the digestive system and their function

Label parts of a 4 chambered heart

Viruses and immunity

Chemical equation of photosynthesis and cellular respiration(Balanced)

Coronary bypass operations

Characteristics of each kingdom

Erythroblastosis fetalis

Body’s first line of defense against invading microbes

Cardiac output calculation

Function of hemoglobin

12 Fill in the blank from the following topics:

Characteristics of monerans and viruses

Pathway of oxygen into the body

Flow of blood through the heart.