Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_ Hr: \_\_\_\_\_

**TISSUE REVIEW – ANSWER SHEET**

**Slide 1**

A. Blood – transporting nutrients and gases

B. Nervous tissue – senses and conducts electrical impulses

C. Epithelial tissue – Lines, covers, and protects

**Slide 2**

A. Muscle tissue

B. Epithelial tissue

C. Nervous tissue

D. Connective tissue

**Slide 3**

A. Simple cuboidal found in the kidney tubules

B. Simple columnar found lining the digestive tract

C. Stratified squamous found in the superficial portion of the skin

**Slide 4**

A. Loose Reticular Connective

B. Fibrocartilage

C. Transitional Epithelial Tissue

**Slide 5**

A. Bone (Osseous Tissue) – calcified extracellular matrix

B. Dense Regular Connective – Extracellular matrix consists of closely packed network of collagen and elastic fibers

C. Blood – Fluid extracellular matrix called plasma

**Slide 6**

A. Cell body

B. Dendrites

C. Axon

**Slide 7**

A. Cardiac

B. Smooth

C. Skeletal

**Slide 8**

A. Intercalated disks

B. Basement layer

C. Apical surface

**Slide 9**

A. Elastic cartilage – walls of arteries

B. Hyaline cartilage – ends of bones, trachea, nose, and ribs

C. Fibrocartilage – intervertebral disks, pelvic girdle, and knee

**Slide 10**

A. Skeletal muscle

B. Extracellular matrix

C. Nervous tissue

D. Stratified

**Slide 11**

A. Reticular – walls of spleen, lymph nodes, and bone marrow

B. Areolar - Widely distributed under epithelium; Packages organs

C. Adipose - Subcutaneous layer under skin, abdomen, and breasts

**Slide 12**

A. Elastic fibers

B. Reticular fibers

C. Collagen fibers

**Slide 13**

A. Bone - Support

B. Simple Columnar Epithelium - Absorption

C. Skeletal Muscular - Movement

**Slide 14**

A. Simple Cuboidal

B. Simple Squamous

C. Pseudostratified

D. Simple Columnar

**Slide 15**

A. Pseudostratified

B. Simple Squamous

C. Stratified Squamous

**Slide 16**

A. Hyaline cartilage – Cells are located in lacunae and lack a direct blood supply

B. Nervous tissue – Includes neurons and neuroglia

C. Dense regular connective – Contains fibroblasts and is found in tendons and ligaments

**Slide 17**

A. Bone - Bone

B. Areolar - Widely distributed under epithelium; Packages organs

C. Hyaline cartilage – ends of bones, trachea, nose, and ribs

**Slide 18**

A. Blood

B. Epithelial

C. Skeletal muscle