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| **Date** | **Lab topic** |
| **Wednesday**  **Zoo262 lab contents 1433-1434**  **2012 -2013**  **25/3/1434**  **6/2/2013** | **1-1 Compound microscope**  **1-2 Animal cell (simple squamous epithelium (Top view)**  **1-3 Plant cell.**  **1-4 The epithelial tissue.**  **1-5 Simple sequamous epithelium (Top view)**  **1-6 Simple cuboidal epithelium (Collecting tubules)**  **1-7Simple columnar epithelium (Stomach**  **1-8 Stratified sequamous epithelium in skin keratinized & non keratinized**  **1-9 Stratified cuboidal epithelium in esophagus .**  **1-10 Stratified columnar epithelium in trachea** |
| **Wednesday**  **3/4/1434**  **13/2/2013** | **2-1 Glandular epithelium**  **2-2 goblet cells ,**  **2-3 sweat gland in skin human )**  **2-4 Thyroid gland**  **2-5 Muscular and nervous tissues**  **2-6 Skeletal, smooth and cardiac muscles.** |
| **Wednesday**  **10/4/1434**  **20/2/2013** | **3-1 Connective tissues( Adipose – loose-Dense-mucoid )(Elastic Fibers in artery ) (collagen fibers in skin)**  **3-2 Cartilage - Hyaline cartilage** |
| **Wednesday**  **17/4/1434**  **27/2/2013** | **4-1 Bone –(Compact Bone )**  **4-2 Revision** |
| **Wednesday**  **24/4/1434**  **6/3/2013** | **Midterm exam Histology part** |
| **Wednesday**  **1/5/1434**  **13/3/2013** | **5-1 Nervous tissue .**  **5-2 Spinal cord ( Neuron – glial cells – nerve fibers )**  **5-3 Sciatic nerve (nerve fibers).**  **5-4 Blood cells (red blood cells –white blood cells )** |
| **Wednesday**  **8/5/1434**  **20/3/2013** | **6-1 Blood smear**  **Blood vessels** |
| **Wednesday**  **22/5/1434**  **3/4/2013** | **7-1 Fixation. ( ex. Formalin ).** |
|  | **Holiday 9/5/1434 – 17/5/1434**  **21/3/2013 – 29/4/2013** |
| **Wednesday**  **29/5/1434**  **10/4/2013** | **8--1 Embedding**  **8-2 Cutting** |
| **Wednesday**  **7/6/1434**  **17/4/2013** | **9-1 Staining (H&E)** |
| **Wednesday**  **14/6/1434**  **24/4/2013** | **10- Histochemical staining ( Protein bromophenol blue).**  **-Data show slides for Sudan black B (lipid)- Slides for Best PAS (glycogen)**  **-Light microscope**  **-(Inverting microscope -Florescent microscope)(if available )** |
| **Wednesday**  **21/6/1434**  **1/5/2013** | **Electron microscope -( electron micrographs).**  **-Revision** |
| **Wednesday**  **28/6/1434**  **1/5/2013** | **Final exam .** |