King Saud University

Applied Medical Sciences Collage

Clinical Laboratory Department

**CLS 321 General pathology 2nd midterm / 2nd semester 1432/1433**

**Identify the following projector slides and answer the related questions:**

1. **……fatty degeneration in liver………………………….**

**Q1: What are the pathologic changes seen in this slide?**

1. **Change in cell shape**
2. **Change in cell size ( increase the size ) full of fat**
3. **The nucleus pushed to the eccentric ( ring shape)**
4. **……………amyloid degeneration in liver……………………….**

**Q2: The deposition of this waxy protein is seen usually …extracellular.. and in this slide it’s deposit in …basement membrane of liver cells and …blood sinusoids.**

1. **…………………dry gangrene……………….**

**Q3: What are the pathologic changes seen in this slide?**

1. **Change in size ( enlarged)**
2. **Change in color ( Black or dark skin color)**
3. **Wrinkled skin**

**The line is …line of demarcation……. and it divides the …healthy….and the ……dead…. tissue.**

1. **…………hyperplasia in prostate…………..**

**Q4: Is this change a pathological or physiological?**

**Physiological: by aging**

1. **……granulation tissue……………..**

**Q5: What are the pathologic changes?**

1. **Newly formed capillaries with new endothelial cells**
2. **A lot of fibrosis – inflammatory cells.**

**Good luck**