

## Pathology Final Exam 2018/2019

### I. Choose the correct answer:

#### 1. The commonest site of tumor metastases:

- A. Lung  
B. Bone  
C. Liver  
D. All of the above

#### 2. Exudate is formed mainly of:

- A. Neutrophils  
B. Plasma cells  
C. Lymphocytes  
D. All of the above

#### 3. The following change is found in apoptosis:

- A. Shrunken cells  
B. Decreased ATP  
C. Affect groups of cells  
D. Surrounded by inflammation

#### 4. Cells which never regenerate are called:

- A. Labile cells  
B. Stable cells  
C. Permanent cells  
D. Non of the above

#### 5. Reversible change in which one mature/adult cell type is replaced by another mature cell type of the same category

- A. Hypertrophy  
B. Atrophy  
A. Hyperplasia  
D. Metaplasia

### II. Encircle True or False.

1. Locally malignant tumors spread only by local spread (T – F)
2. Carcinoma spreads early by blood, and sarcoma spreads early by lymphatics. (T – F)
3. Healing by second intention seconds by a thin scar. (T – F)
4. All granulomas have exactly the same histologic features. (T – F)
5. Apoptosis may occur as a physiologic process. (T – F)

### III. List the following:

- A. Examples of chemical carcinogens:  
1..... 2..... 3.....
- B. Methods of tumors spread:  
1..... 2..... 3.....
- C. Factors affecting wound healing:  
1..... 2..... 3..... 4.....

Good Luck