



**South Valley University  
Faculty of Medicine  
Pathology Department**

**29/10/2016; Pathology  
1<sup>st</sup> part of Master degree Internal Medicine  
Time allowed: Two Hours**

**I. Answer the following question: (30 marks)**

1. Outline the etiology, pathogenesis, pathological features, and course of atherosclerosis.

**II. Answer the following questions: (20 marks each)**

2. Describe the pathological features of Graves's disease (exophthalmic goiter or diffuse toxic goiter).
3. Illustrate the complications of diabetes mellitus.

**III. Study the following case scenarios, and then answer the questions below:**

**A woman presents with the picture of nephrotic syndrome. Renal biopsy gives the diagnosis of lupus nephritis. (30 marks)**

- A. Describe the picture of the nephrotic syndrome.
- B. Enumerate other causes of the nephrotic syndrome.
- C. Mention the types (classes) of lupus nephritis.
- D. Describe the histopathological picture of the most common type of lupus nephritis.

**Good Luck**

