



South Valley University
Faculty of Medicine
Pathology Department



28/4/2018; Pathology
1st part of MD degree in General Surgery
Time allowed: Two Hours

I. Answer the following question: (25 marks)

1. Describe the predisposing factors, sites, types, pathological features, spread and prognosis of esophageal carcinoma.

II. Answer the following question: (15 marks each)

2. Describe the pathogenesis and pathological features of gastric lymphoma.
3. List the sites, types, etiology, effects of intestinal diverticulae.
4. Define pheochromocytoma and outline its pathological features and clinical presentation.

**III. Study the following case scenarios, and then answer the questions below:
(15 marks each)**

5. **A patient presents with mass in the right iliac fossa with a tract opening through the skin discharging pus.**
 - A. If the pus contains pyogenic, bacteria, what is the most possible diagnosis? What is the name of the tract?
 - B. If the pus contains sulphur granules, what is the diagnosis? and what is the name of the tract?
 - C. If it is the diagnosis in (B) mention the causative organism and the mode of infection.
6. **A middle-aged female complained of excessive sweating and insomnia. Clinical examination revealed increased blood pressure, exophthalmos and diffusely enlarged thyroid gland.**
 - A. What is the most likely diagnosis? Describe the histological picture of this disease.
 - B. Explain the cause of exophthalmos in this case.
 - C. What is the most important complication in this disease?

Good Luck