



الكلية الطبية  
بجامعة الفيوم ٢٠١٤



May Exam: 8-06-2014

Fayoum University

Time allowed: 2 2/3 hours

Faculty of Medicine

### **Final M.B.B.Ch. Examination**

#### **Internal Medicine (Paper 1II)**

**All questions are to be attempted (130 marks):**

1-A 25-year-old male complains of persistent fever of two weeks duration along with mild mid abdominal pain, constipation, skin rash, sore throat and cough. He additionally complains of malaise, myalgias, arthralgias and headaches. He reports that he ate food from street vendors. On exam. BI P 115/70 mmHg, pulse 50/min. regular, temp. 38.8 C, confluent macular erythematous rash on the trunk that fades on pressure " Rose Spots". The abdomen is mildly distended and tender, mild hepato-splenomegaly. CBC: anemia and neutropenia.

- a) Give four causes of fever with skin rash (4 marks)
- b) How would you explain that the pulse is 50/min? (2 marks)
- c) What is the most likely diagnosis? Justify (4 marks)
- d) How would you confirm the diagnosis? (3 marks)
- e) How would you treat such patient? (5 marks)
- f) Enumerate seven possible complications of such condition affecting different body organs. (7 marks)

2- A 28-year -old female complained of bleeding from her nose and mouth since the previous night. She also noticed small reddish spots on her lower extremities. The patient stated that she had developed an upper respiratory tract infection 2-week ago. On exam. BI.P 110/70 mmHg, Pulse 90/ min., there was bright red oozing from the nose and gingiva. The skin showed multiple reddish spots on her extremities. There was no Lns or HSM. Her CBC was normal except for a platelet count of 18,000/mm. PT and PTT were normal.

- a) Comment on the causes of thrombocytopenia (6 marks)
- b) What is your most likely diagnosis? (2 marks)
- c) How would you confirm your diagnosis? (2 marks)
- d) What is the treatment would you advice? (2 marks)

