



دور نوفمبر ٢٠١٥
الكلية
بالفيوم

Novem. Exam. 29/11/2015

Fayoum University

Time allowed: 2 2/3 Hours

Faculty of medicine

Final M.B.B.Ch. Examination

Internal Medicine (paper 111)

All questions are to be attempted (130 marks)

1- A female 38- year- old presented with a 8-month history of pruritus. Also, she had diarrhea for the past 4-week and felt generally tired. On examin. her skin was a little dry and pigmented with scratch marks all over her body. There was mild jaundice with bilateral xanthelasma and clubbing of her fingers. Abdominal examin. revealed liver 6 cm enlarged, firm and smooth, the spleen was 3 cm enlarged. Lab. results; S. bilirubin 3.2 mg% (D: 2.2 mg), S. alkaline phosphatase 390 U/L (elevated), AST and ALT are within normal limits.

- Mention four G.I.T causes of finger clubbing. (4 marks)
- Can you enumerate the causes of generalized skin pigmentation? (5 marks)
- What is the most likely diagnosis ? Justify (4 marks)
- What other four investigations that help the diagnosis? (4 marks)
- What is meant by xanthelasma and its explanation in our patient? (4 marks)
- How would you treat this case? (5 marks)
- Can you comment on : secondary biliary cirrhosis and its causes? (4 marks)

2- A 23-year-old male patient presented with a 2-day history of headache and sore throat. On the day of presentation he woke up with fever and chills and painful joints. On examin. Temp. was 38.3 C, BI P 120/70 mmHg, pulse 98/min. regular. He had petechial rashes on his soft palate, both axillae and flanks. His throat was congested. There was neck rigidity and photophobia, but the examin. of fundi, cranial nerves, motor, sensory systems and reflexes was normal. Lab. investigations: Hb 11 gm/dl , WBC 14.400 cells/dl with 80% polymorphs, normal platelet count. Paul-Bunell test was negative for infectious mononucleosis.

- Mention five causes of fever with rigors (5 marks)
- What are the causes of vascular purpura? (5 marks)
- What is the most likely diagnosis? Justify (4 marks)
- What four further investigations will you ask for? (4 marks)
- Comment on acute meningitis (: definition, causes and routes of infection) (8 marks).

- f) Name four serious complications of meningococcal meningitis (4 marks)
- g) Name three antibiotics of choice for meningococcal meningitis (3 marks)
- h) What is meant by malignant meningitis? (2 marks)

3- Enumerate four causes for each of the following: (20 marks)

- a) Microcystic hypochromic anemia b) Eosinophilia c) Acute pancreatitis
- d) Hematemesis e) Chronic diarrhea

4- How would you treat: (20 marks)

- a) Blood transfusions reaction b) GERD c) Chronic HCV
- d) Refractory ascites

5- A 40-year old male patient presented with bilateral and symmetrical lesions, commonly affecting the limbs especially dorsal surfaces of hand and feet. The lesions were erythematous, annular ring with central vesicles or hyperpigmentation. Other skin lesions include erythematous macules, papules, vesicles and bullae.

- a) What is your diagnosis? (2 marks)
- b) Mention etiology of this condition (4 marks)
- c) Discuss occupational dermatitis (3 marks)
- d) Mention clinical types of lichen planus (3 marks)

6- A 21-year old female patient presented with sharply demarcated macule, hyperpigmented or hypopigmented covered by fine branny scaling. The condition is not itchy.

- a) What is your diagnosis? (2 marks)
- b) Mention etiology of this condition (2 marks)
- c) Mention clinical types of herpes zoster (4 marks)
- d) Define alopecia and mention its types (5 marks).

Good Luck,