



THE SUPERIOR COLLEGE, LAHORE

Final PROFESSIONAL MBBS
SEND UP EXAMINATION 2019

MEDICINE II

(SEQ'S)

Roll No. _____

Time Allowed: 2 HOURS

Total Marks: 45

Instructions

1. Attempt all questions.
2. All question carry equal marks.
3. The SEQ's part is to be submitted within 2 hours, Extra time will not be given.
4. Neat Hand Writing use of margin and marker for headlines will increase the presentation of

Psych → 1. What are the main subtypes of Schizophrenia. Describe the most diagnostic feature of each sub-type. *(slides) → Schizophrenia* (05 Marks)

Bones 2. A 30 years old female presented with pain, swelling and redness in multiple joints for last 06 months. She complained of worsening of above mentioned problems for last 02 weeks. The joints mainly involved are small joints of hands bilaterally. There is history of similar joint pains in one of her younger sisters too. The worst time for her is early morning when she wakes up for Fajar Prayer, when she is unable to move her fingers properly for almost less than an hour being so stiff. She is also having gritty feelings in eyes and dryness of tongue for last few weeks..

- a) What is the likely diagnosis? *RA RA* (01 Mark)
- b) What investigations she should have? Be specific. *(SIB Iron)* (02 Marks)
- c) Name all the medicines that can be of help for her. (02 Marks)

Bones 3. A 18 years old college student presented to medical outdoor with pain and swelling of multiple joints, skin rash on face, loss of scalp hair, palpitations, dyspnea on exertion, easy fatigue and pale complexion for last many months. She is also under treatment of psychiatrist for depression. Her recent reports show moderate anemia, normal leucocyte count and high ESR of 65mm after first hour. *sic SLE*

- a) What is the most probable diagnosis? (01 Mark)
- b) Describe the diagnostic criteria in detail. *(S30 Iron)* (02 Marks)
- c) Briefly give the outline of the treatment plan for her. (02 Marks)

Endo *DM* 4. A 55 years old male presented to medical outdoor with recently diagnosed diabetes mellitus. He is willing to start insulin right from the start. He is following good dietary precautions and physical activity regularly but still having diabetes uncontrolled. His recent blood sugar readings are 155, 167 mg/dl in fasting and 230, and 315 mg/dl 02 hours after meals.

850/11
Metritis
increased risk
of fetal death

(438 Inam)

Explain briefly the dose, type, timing, frequency, and ideal sites for the insulin injections. Name

04 most important adverse effects of insulins.

(05 Marks)

Dermat

5. A 45 years old female patient presented with severe localized, burning pain on left side of rib cage, following almost one of the ribs location roughly for 02 days. It gradually increased in severity and became so unbearable to bring her to the hospital. Not relieved by paracetamol and ibuprofen orally. She was prescribed with oral naproxen 500 mg tablets twice daily and asked to follow up after one week. But she returned the very next day with small vesicular rash appeared at the same area where she had pain. She was treated by the senior dermatologist and lesions healed with improvement of pain. She returned back after 02 months and still complaining the pain at same site, even though there are no skin lesions.

Shingles (Herpes zoster) (75/100)

- a) What is your diagnosis? Name its cause. (02 Marks)
- b) What are the specific names given to the pains before and after the appearance & disappearance of skin vesicles? (01 Mark)
- c) If you are the in-charge in a similar case, what are the treatment options in this patient? Name the medicines which can be prescribed. (02 Marks)

Renal

6. A known long standing diabetic and hypertensive patient presented in emergency with extreme generalized weakness, pale complexion, anorexia, and upper central abdominal discomfort. He also complains of puffiness of face and mild swelling at ankles for last few days. Recently his blood pressure control is grossly deteriorated while also he has started having repeated attacks of hypoglycemia despite being on the same diet and oral antihyperglycemics.

(485 Inam) (K.P.)

- a) What is the most likely diagnosis? (01 Mark)
- b) Explain these clinical features on the basis of your diagnosis? (02 Marks)
- c) What are the complication of this disease? Name any 04. (02 Marks)

Renal

7. A 14 years old boy presented to the medical OPD with significant facial and pedal edema, and pale complexion for last few weeks. Initially facial edema was only in the morning but now is present throughout the day. His Blood picture shows anemia, while urine complete examination shows 03 plus proteins.

Nephrotic Nephrotic syndrome (01 Mark)

- a) What is the most likely diagnosis? (01 Mark)
- b) Name 04 causes of this diagnosis. (02 Marks)
- c) How will you investigate this patient? Mention any special instructions to be given to the patient, if any? (02 Marks)

Endo

8. A 34 years old female patient presented with gross weight loss of approximately 10 kilograms over the last six months. She also complained of palpitations, trembling of hands, prominence of eyes, heat intolerance, diarrhea and menstrual irregularities. There is a well defined swelling of almost a walnut size, slightly of irregular surface and hard in consistency.

present in the region of left lobe of thyroid. Her thyroid function tests show significantly raised T3 and T4, while TSH is grossly low. ^(Graves Disease) Hyperthyroidism

- 1 mark →
- a) What is the diagnosis ^{1/2 mark} (01 Mark)
 - b) How will you further investigate? (02 Marks)
 - c) What are the treatment options available for her? (02 Marks)

Blood

9. A young unmarried female presented to you with severe anemia. Her parents are very much worried about her condition as they are planning for her wedding 03 months later.

- (5) mark →
- a) What are the important investigations you can advise her to confirm anemia, and its possible causes. Discuss in detail, but be specific? (2.5 Marks)
 - b) What medicines may be prescribed to her? ^(S62 Iron) (2.5 Marks)