



THE SUPERIOR COLLEGE, LAHORE

Final PROFESSIONAL MBBS
ANNUAL EXAMINATION 2019

MEDICINE II

(SEQ'S)

Time Allowed: 2HOURS

Roll No. 14018

Total Marks: 45

Instructions

Attempt all questions.

All question carry equal marks.

The SEQ's part is to be submitted within 2 hours, Extra time will not be given.

Neat Hand Writing use of margin and marker for headlines will increase the presentation of your paper.

Do not write your name or disclose your identity in anyway

CH CRP CRB

Dem

Psychiatry

Psych

Renal

Renal

1. A 40 yrs old male presented with severe, generalized pruritus and multiple erythematous papules on his trunk, limbs, external genitalia and the hands. There are also excoriations on his back. His wife and kids also had itching.

- a) What is the diagnosis? *Scabies* (01 Mark)
- b) What is the name of causative organism? *Sarcoptes scabiei* (02 Marks)
- c) What is the treatment and principles of treatment? *Scabicide* (02 Marks)

A 22 year old male has presented to your OPD with complaints of being fearful, agitated and aggressive. He believes the police have been watching him through cameras that they have secretly implanted in his home and on the nearby streets. He also believes his thoughts are automatically known to other people when he is walking across the streets.

- a) What is the most likely diagnosis? *Schizophrenia* (01 Mark)
- b) What are other clinical features of this disorder? *Paranoia, delusions* (02 Marks)
- c) Describe the acute and long term treatment options in this case? *Antipsychotics* (02 Marks)

A 56 years old male presented in outpatient department with complaints of bilateral pedal edema and shortness of breath for last 6 months. Now he is complaining of decreased urine output for last 2 weeks. He has past medical history of hypertensive and diabetic for last 12 years which are poorly controlled on medications. He had also taken hakeem medications in past for his diabetes.

- a) What is most likely diagnosis? *CRF* (01 Mark)
- b) How would you like to investigate this patient? *(487 Inam)* (02 Marks)
- c) What could be the possible complications of his illness? *(419 Davidson)* (02 Marks)

A 35 years old otherwise healthy man presents in OPD one day after running the marathon, complaining of diffuse muscle aches and weakness. He also reports darkening of urine since last night. His vitals are BP 110/70 mmHg, pulse 110/min, temperature 37C and respiratory rate is 18/min. Examination of extremities shows mild tenderness to palpation over the quadriceps. Urine dipstick shows red blood cells ++. Serum potassium is 6.2 mmol/L, creatinine is 2.0 mg/dl.

- a) What is most likely diagnosis? *Nephrotic syndrome* (01 Mark)
- b) What could be other possible causes of this condition? *AKI* (02 Marks)
- c) How would you treat this patient? *(476 Inam)* (02 Marks)

P.T.C

E-mes

DM / Endo

(434
436 Inam)

5. Regarding Diabetes Mellitus:
- a) Write a note on relatively newer oral medications for the treatment of Diabetes mellitus. (2.5 Marks)
 - b) In a newly diagnosed patient of diabetes mellitus, what dietary advices will you give? Mention 05 most important of these in 1-3 lines for each. (2.5 Marks)

6. Endo A 45 years old chronic rheumatoid arthritis patient presented to you in OPD with excessive weight gain over past many years. She has a height of 5 feet and 02 inches while her weight is 98 kilograms. She has been taking medicines for her arthritis from different quacks and hakeems also. She has multiple bruises all over her body along with extremely thin skin and a lot of facial hair. She was told by her GP that she has developed diabetes and hypertension also recently and these two are controlled with medicines and diet.

- a) What is the most likely diagnosis? Cushing Syndrome (01 Mark)
- b) How will you confirm the diagnosis? and confirm the site of the etiology? (2.5 Marks)
- c) How will you treat this patient? (4103 nam) (1.5 Marks)

7. Bones A 45 years old male presented with 01 day history of severe painful swelling and redness of (right big toe). Pain so much that he could not sleep the whole night. He was given oral paracetamol and orphenedrine combination but did not work.

- a) What is the most likely diagnosis? Gout (01 Mark)
- b) How will you investigate this patient? Also mention the diagnostic investigation to confirm your diagnosis. (543 nam) (02 Marks)
- c) Name the specific medicines with mechanism of action. (02 Marks)

8. Blood An 18 years old girl is brought to the OPD with 01 week history of (bruises all over the body). These are painless and there is no history of significant trauma. No history of fever, aches or pains. She is vitally stable and no abnormality found on physical examination. On investigations her hemoglobin is 12.8 gm/dl, TLC med by 5600/mm³ and her platelet count is 18000/mm³.

- a) What is the most likely diagnosis? ITP (01 Mark)
- b) Name one most specific investigation with expected findings to confirm your diagnosis. (1.5 Marks)
- c) Name 03 important causes of low platelet counts. TTP, DIC, Dengue (1.5 marks)
- d) Will you recommend platelets transfusion in this patient? Justify. (6001 nam) (01 Mark)

9. Bones A 29 years old female presented with 06 months history of painful swelling of multiple joints. The joints mainly involved are small joints of hands, wrists, elbows and ankle joints. Both sides are equally involved and worst time for patient is early morning when she wakes up for fajr prayer, her joints are stiff and it is very difficult to perform even trivial routine work at that time. This situation gets better after about an hour.

- a) What is the most likely diagnosis? R.A (01 Mark)
- b) Which one specific investigation would you like to get? Anti-CPA (01 Mark)
- c) What are the treatment options for this patient? Give a brief sketch of management plan along with salient features of each important medicine. (03 Marks)

518
(1 nam)