

1. kamau a 70 year old man present with generalized body swelling, difficulty in breathing, easy fatigability and denies exercise. On examination, he is sick looking, uncomfortable when examined in supine position and has edema. He is not pale but has elevated jugular venous pressure.

a) What is the most probable diagnosis? CCF (2 marks)

b) Outline the treatment for kamau. (8 marks)

2. A 26 year old lady comes to your clinic with history of productive cough for 21 days. She complains of dyspnea and accepts she has lost weight significantly. She has insomnia and night sweats. On examination she has cervical lymphadenopathy, a respiratory rate of 26 cycles per minute and bilateral coarse crepitation.

a) What is your probable diagnosis? TB (2 marks)

b) Outline the investigation you will do to support your diagnosis. (4 marks)

c) Outline the specific treatment for this patient. (6 marks)

3. Mrs. Sharon presents with history of polyuria, polydipsia and polyphagia. On examination, she is restless and disoriented in time, place and person. She is neither febrile nor pale, but her eyes are sunken with poor skin turgor. You are able to elicit a sweet smell in her breath. Her BP is 80/30mm/hg while the random blood sugar is 33mmol/litre.

a) What is your diagnosis? DKA (2 marks)

b) Discuss the management of this patient. (8 marks)

4. A patient presents with confusion, headache and fever. On examination, she is febrile and disoriented in time, place and person. The neck is stiff and Kerning sign is positive.

a) What is your probable diagnosis? Meningitis (2 marks)

b) Outline the investigation you will carry out on this patient. (8 marks)

5. A patient is brought to you unconscious. The only history present is alleged intoxication of unknown substance following a domestic quarrel. On examination, he has excessive sweating, dyspnoea, pinpoint pupils reactive to light and a wet chest. The respiratory rate is 30 cycles/min, BP of 70/30mm/hg and pulse rate of 30 beats per minute.

a) What is your probable diagnosis? opp (2 marks)

b) Outline your treatment. (8 marks)

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10. Discuss liver cirrhosis under the following headings.
 a) Causes. - Viral hepatitis, Alcohol abuse, fatty liver, Drug induced liver disease. (5 marks)
 b) Investigations. (5 marks)

9. You are called upon to review a patient who has been on treatment for pneumonia. The treatment sheet shows he has been on gentamycin and benzyl penicillin for 3 days. However, the patient is still coughing, dyspnoec, afebrile with bilateral basal crepitations.
 a) List down four possible reasons/ causes why this patient is not responding or improving following treatment. (2 marks)
 b) What investigations will you carry out in this patient? (2 marks)
 c) Outline the complications of pneumonia. (4 marks)

8. Concerning anemia
 a) Define anemia. (2 marks)
 b) Enumerate features of iron deficiency anemia. (8 marks)

7. Discuss nephritic syndrome under the following headings
 a) Causes (4 marks)
 b) Investigation and management (6 marks)

6. Discuss the management of cerebral malaria. (10 marks)