

KMTC/QP-08/EPS



KENYA MEDICAL TRAINING COLLEGE
FACULTY OF CLINICAL SCIENCES
DEPARTMENT OF CLINICAL MEDICINE
DIPLOMA IN CLINICAL MEDICINE & SURGERY
YEAR 2, END OF SEMESTER 1 EXAMINATION
PAPER: Medicine I

DATE: 18th July, 2022

TIME: 2 HOURS (8.00 AM – 10.00 A.M)

INSTRUCTIONS

1. Attempt ALL Questions.
2. Write your REGISTRATION NUMBER on all the answer sheets provided and on the question paper.
3. Ensure that all examination answer scripts are handed in at the end of the examination.
4. Ensure you sign the examination register provided.
5. Any examination malpractices will be handled as per the College Examination Policy.

REGISTRATION NUMBER1959.....

Section 2: Short Answer Questions – (40 Marks)

1. List 5 parasitic causes of Neglected tropical Diseases (NTDs) (5 Marks)
2. Outline 5 complications of malaria (5 Marks)
3. Classify Viral Hemorrhagic Fevers (VHF) and give one example in each group (5 Marks)
4. Outline the risk factors for Acute Coronary Syndrome (ACS) (5 Marks)
5. List five complications of amoebiasis (5 Marks)
6. List five common causes of massive splenomegally (5 Marks)
7. List five organisms associated with infective endocarditis (5 Marks)
8. List five differential diagnoses of acute chest pain in a 68 year old patient (5 Marks)

Section 3: Long Answer Questions – (40 Marks)

1. A 21 year old male presented to your clinic with complaining of fever alternating with chills, malaise, joint pains and vomiting. He reports a previous history of travel to Kisumu 5 days prior to the onset of symptoms. On examination he is sick-looking, clinically febrile, Pallor +, a tinge of jaundice, no cyanosis, no edema, no finger clubbing.
 - a) What is the most likely diagnosis (2 Marks)
 - b) Outline four differential diagnoses (4 Marks)
 - c) Outline and justify four laboratory investigations you would order for this patient (6 Marks)
 - d) Outline your management plan (8 Marks)
2. A 78 year old female presented to your clinic with complaining of bilateral swelling of lower limbs, shortness of breath that awakens the patient at night, inability to lie flat without a pillow. She is a known hypertensive patient for the last seven years but not adhering regularly to medications. On examination; she is sick looking, obese, in obvious respiratory distress, there is a bilateral pitting non-tender edema of the lower limbs, pallor+, no jaundice, no finger clubbing, no cyanosis.
 - a) What is the most likely diagnosis? (2 Marks)
 - b) Outline four differential diagnoses (4 Marks)
 - c) Outline and justify your investigation plan (6 Marks)
 - d) Outline your management plan (8 Marks)