



KENYA MEDICAL TRAINING COLLEGE
NYERI CAMPUS
DEPARTMENT OF RADIOGRAPHY AND IMAGING

2021/2022 ACADEMIC YEAR
SEMESTER 1 MID-SEMESTER EXAM

CLASS: SEPT 2021

MODULE: RADIOGRAPHIC ANATOMY I (1103)

DATE: 8th DECEMBER, 2021

TIME: 08:30-10:30 HRS

INSTRUCTIONS

1. You are allowed **TWO HOURS** for answering **ALL** the **FOUR** questions of this paper.
2. You should write legibly and avoid irrelevant matters.
3. Questions not numbered or wrongly numbered will not be marked.
4. You are advised to read the questions carefully and illustrate your answers by diagram where necessary.
5. Marks indicated alongside the questions are for your guidance in planning your answers.
6. **DO NOT** write your name on any question paper/answer sheet. Instead write your College Number.

QUESTION ONE

- a) Identify the surface anatomy features of the thorax and abdomen. (10 marks)
- b) draw and label the femur (10 marks)
- c) compare and contrast CT and MRI modalities (5 marks)

QUESTION TWO

- a) Name the bones that form the wrist joint (8 marks)
- b) Discuss the appendicular skeletal bones (7 marks)

- c) Discuss the five basic radiographic densities expected on a film explaining how the occur (10 marks)

QUESTION THREE

- a) List and explain at least 5 items to check out for to conclusively do a proper anatomical diagnosis when reviewing a joint. (15 marks)
- b) Discuss the techniques of examining surface anatomy. (10 marks)

QUESTION FOUR

Medical Imaging modalities use radiation for diagnosis of diseases. Discuss the modalities that do not use non-ionising radiation? (25 marks).