



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR DIPLOMA IN HEALTH RECORDS

1ST YEAR 2ND SEMESTER 2023/2024 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE:

HDR 2125

COURSE TITLE:

MEDICAL PATHOLOGY

EXAM VENUE:

STREAM: Dip. HEALTH RECORDS

DATE:

EXAM SESSION:

TIME: 1.30 HOURS

Instructions:

- 1. Answer all the questions in Section A and 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

Answer all questions in section A (30 Marks)

1. Define etiology and list TWO etiologic factors. (3 Marks)
2. What is pathogenesis? (3 Marks)
3. What are the functions of the musculoskeletal in the human body. (3 Marks)
4. Describe the functions of the heart in the human body. (3 Marks)
5. List THREE disease control measures? (3 Marks)
6. Describe the role of pathology in maintaining health?. (3 Marks)
7. Define a pathological report citing two examples? (3 Marks)
8. Mention THREE diagnostic techniques used in pathology? (3 Marks)
9. List THREE human body parts that allow for:
 - i. perspiration
 - ii. Digestion
 - iii. Blood circulation? (3 Marks)
10. Give any THREE roles of a pathologist (3 Marks)

SECTION B: Answer 2 questions from this section. (15 Marks each)

1. Describe the following pathological techniques:

- I. Hematopathology
- II. Immunohistochemistry
- III. Microbiological examination
- IV. Cytogenetics (clinical Genetics)
- V. Autopsy

(15 Marks)

2. Describe the lifecycle of a pathogen (10 Marks)

(b) List FIVE disease causing pathogens (5 Marks)

3. What information is included in a pathology report? (5 Marks)

(b) How are pathological reports stored? (5 Marks)

(c) What is the procedure of accessing a patient's pathological report? (5 Marks)

4. What are the skills and qualities required to maintain and store pathological records (15 Marks)