



UNIVERSITY EXAMINATIONS
SECOND YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF
BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCE
SECOND SEMESTER 2022/2023
[JAN – APRIL, 2023]

MELS 271: LABORATORY PRACTICE AND MANAGEMENT

STREAM: Y2 S2

TIME: 3 HOURS

DAY: FRIDAY, 9:00-12:00 P.M.

DATE: 31/03/2023

INSTRUCTIONS

- 1. Do not write anything on this question paper.**
- 2. Answer ALL questions in Sections A and B (Compulsory). In section C, Answer question ONE (Compulsory) and any other question.**

SECTION A (ANSWER ALL THE QUESTIONS) (40MKS)

1. Explain any five functions of a laboratory manager in a hospital facility (5 marks)
2. As a lab manager outline five means of controlling lab commodities (5 marks)
3. Outline the processes involved in planning to accord lab activities (5 marks)
4. As a section head, you're requested by the institution to attend a refresher training for one month, outline the process of handing over to your colleague (5marks)
5. Outline the rationale of good laboratory practice and management (5 marks)
6. Write short notes on the principles of time management in a laborat setup t up (5 marks)
7. Explain the beneficiaries of good clinical laboratory practices (5 marks)
8. State the applications of internal and external quality assurance in lab work (5 marks)

SECTION B (ANSWER THE FIRST QUESTION (COMPULSORY) AND ANY OTHER QUESTION). (30MK)

1. As a Quality Control Manager, discuss the concepts that are included in evaluating product performance, and actions taken when the product fails. (15 marks)

2. Discuss briefly what is expected in laws and ethics applied in the field of medical laboratory sciences. (15 marks)
3. You are a Quality Manager, discuss the requirements that are included in audit report submitted and actions taken in case of discrepancies' (15 marks)