



UNIVERSITY EXAMINATIONS

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

MELS 183: OCCUPATIONAL HEALTH AND SAFETY

STREAM: Y1 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 Section A and any two in section B.***

SECTION A: ANSWER ALL QUESTIONS

1. Name four legal frameworks that supports OHS implementations in Kenya.
[4 marks]
2. Name four objectives of work environment which supports OHS activities
[8 marks]
3. Outline three attributes that OHS is concerned with in its pursuit to protect workers
[6 marks]
4. Highlight 4 basic aspects targeted by OHS as multidisciplinary activity
[4 marks]
5. Explain three examples of ergonomic hazards that affect workers
[6 marks]
6. Enumerate four policy instruments to implement OHS
[4 marks]

7. Factories and Other Places of Work Act Cap 514 is made of legal requirements that facilitate for the provision for the health, safety and welfare of persons employed in factories and other places, and for matters incidental thereto and connected with. Name five aspects for applying this law. [5 marks]

8. Workers, as well as employers and governments, must ensure workers' rights are protected and foster decent conditions of labour. Name three ways to protect workers' rights. [3 marks]

SECTION B: ANSWER ANY TWO QUESTIONS (30 MARKS)

1. (a) Explain any four OHS principles [8 marks]

(b) Explain any three occupational hygiene levels which can be recognized and controlled as hazards [7 marks]

2. Explain the various OHS policy instruments stating significance of each [15 marks]

2. Explain the strategic objectives for OHS as defined by WHO and ILO [15 marks]