



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCES  
FIRST SEMESTER, 2021/2022  
(FEBRUARY - JUNE, 2022)**

**MELS 183: OCCUPATIONAL HEALTH AND SAFETY**

**STREAM: Y1 S1**

**TIME: 3 HOURS**

**DAY: THURSDAY, 2:00 – 5:00 P.M.**

**DATE: 12/05/2022**

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**INSTRUCTIONS:**

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

**SECTION A-STRUCTURED QUESTIONS (ANSWER ALL QUESTIONS) - 40MKS**

1. Name four legal frameworks that support OHS implementations in Kenya.  
[4 marks]
2. 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]
3. Explain four objectives of work environment which supports OHS activities  
[8 marks]
4. Highlight three attributes that OHS is concerned with in its pursuit to protect workers  
[6 marks]

5. Name 4 basic aspects targeted by OHS as multidisciplinary activity [4 marks]
6. Discuss briefly any three examples of ergonomic hazards that affect workers [6 marks]
7. Explain four policy instruments to implement OHS [4 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 (QUESTION ONE IS COMPULSORY THEN CHOOSE ANY OTHER QUESTION)-30 MARKS**

1. Explain the various OHS policy instruments stating the significance of each [15 marks]
2. Discuss the strategic objectives for OHS as defined by WHO and ILO [15 marks]
3. (a) Explain any four OHS principles [8 marks]
- (b) Describe occupational hygiene levels which can be recognized and controlled as hazards [7 marks]