

KISII UNIVERSITY
SCHOOL OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH
SPECIAL/ SUPPLEMENTARY EXAMINATIONS
PHES 221: LABORATORY METHODS

ANSWER ALL QUESTIONS (20 marks each)

1. Discuss sources of error in laboratory measurements and their prevention
2. Outline the principle of flow cytometry and its applications in health science laboratory
3. Discuss in detail the role of equipment calibration in a scientific laboratory
4. As a laboratory in-charge; what mitigative measures can you put in place to ensure safety and health promotion at your station
5. Discuss storage and cleaning of laboratory ware