



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF THE
DEGREE OF DOCTOR OF PHILOSOPHY IN SCIENCE IN BIOMEDICAL SCIENCES
FIRST SEMESTER, 2021/2022
(FEBRUARY - JUNE, 2022)

DPBS 941: ADVANCED EPIDEMIOLOGY

STREAM: Y1 S1

TIME: 3 HOURS

DAY:

DATE:

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer any FOUR questions.***

1. Discuss the outbreak investigations [15 Marks]
2. Elucidate the components of evaluating surveillance [15marks]
3. Describe the natural history of malaria [15 Marks]
4. Discuss the various study designs in epidemiological studies [15 Marks]
5. Evaluate the needs and uses of various screening and diagnostic tools [15 Marks]