



## **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:**

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#### **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]