

BINDURA UNIVERSITY OF SCIENCE EDUCATION**FACULTY OF SCIENCE AND ENGINEERING**

JUN 2025

DEPARTMENT: HEALTH SCIENCES**BACHELOR OF SCIENCE HONORS IN NURSING SCIENCES (NURSING EDUCATION)****BACHELOR OF SCIENCE HONORS IN NURSING SCIENCES (COMMUNITY HEALTH NURSING)****COURSE CODE: PHARMACOLOGY IN NURSING: NE209/NS209 (1) DURATION: 3 HOURS TOTAL MARKS: 100****INSTRUCTIONS TO CANDIDATES****Answer ALL questions. Each question carries 25 Marks**

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1.
 - a) Define the term 'pharmacodynamics' [2 marks].
 - b) Describe the routes of drug administration and advantages of each route [23 Marks]
 2. Outline the mechanisms of action and the uses of the following groups of drugs
 - a) Thiazides [12 marks]
 - b) Phenothiazines [7 marks]
 - c) Macrolides [6 marks]
 3. Write notes on the nursing management of the following:
 - a) Methylprednisolone [8 marks]
 - b) Ceftriaxone [9 marks]
 - c) Morphine [8 marks]
 4.
 - a) Outline the importance of the following phases of nursing process in drug therapy
 - i. Assessment [10 marks]
 - ii. Evaluation [5 marks]
 - b) Discuss the nursing considerations for psychiatric patient receiving antipsychotics [10 marks]

END OF PAPER