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**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

**UNIVERSITY END OF TRIMESTER EXAMINATION
2021/2022 ACADEMIC YEAR**

**FOR THE DEGREE
OF
MASTER OF SCIENCE IN ADVANCED NURSING PRACTICE**

COURSE CODE: NCN 8122

**COURSE TITLE: APPLIED PHARMACOLOGY FOR ADVANCED
NURSE PRACTITIONERS**

Monday 25th April 2022

3.00-6.00pm

INSTRUCTIONS TO CANDIDATES

All Questions are compulsory

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating
Please turn over

All questions are compulsory

1. Describe the classes of drugs that are used in the management of hypertension(25mks)
2. Discuss atropine under the following headings(25mks):
 - i. Indications
 - ii. Side effects
3. Penicillin is a beta-lactam antibiotic used in the management and treatment of a wide range of infections. Discuss the measures that should be taken to enhance the therapeutic outcomes and minimize the adverse effects for a patient who is on penicillin(25mks)
4. Antimicrobial drug resistance is a phenomenon that has become rampant as it poses a threat to patient safety and public health. Discuss the factors that exacerbate antimicrobial drug resistance and the role of nurses in reducing the phenomenon(25mks)