



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING AND MIDWIFERY SCIENCES
KENYA REGISTERED COMMUNITY HEALTH NURSING
Supplementary/Special Examination Dec 2024

COURSE CODE AND TITLE: DNS 121: Pharmacology II

DATE: MONDAY 9TH DECEMBER 2024

TIME: 2 Hours **START:** 0900 HOURS **FINISH:** 1100 HOURS

INSTRUCTIONS

1. This exam will be marked **out of 70 Marks**
2. ALL Questions are compulsory.
3. The Examination has Three Sections: Section I- Multiple Choice Questions, Section II: Short Answer Questions, Section III: Long Essay Questions
4. Answer all Questions in the ANSWER BOOKLET provided
5. Do Not write anything on the question paper -use the back of your booklet for rough work if need be.

SECTION I: MULTIPLE CHOICE QUESTIONS (10 MARKS)

1. Drugs are commonly prescribed based on

- A.Body weight
- B.Height
- C.Age
- D.Gender

2. In patients taking Monoamine Oxidase inhibitors (MAOIs), Tyramine induced hypertensive crisis is associated with ingestion of:-

- A.Fruits
- B.Green leafy vegetables
- C.Meat products
- D.Dairy products

3.The following decreases absorption of Iron supplements in the gastrointestinal tract

- A.Caffeine
- B.Nicotine
- C.Antacids
- D.Anticonvulsants

4.The drug of choice in treatment of Status epilepticus is

- A.Phenytoin
- B.Phenobarbitone
- C. Sodium Valproate
- D.Diazepam

5. The following is a histamine 2 receptor antagonist

- A.Cimetidine
- B. Cetrizine
- C.Rabeprazole
- D.Biogastone

6.The drug of choice in treatment of bradycardia is

- A.Adrenaline
- B.Atropine
- C.Lignocaine
- D.Montelukast

7. The following is a Macrolide antibiotic

- A. Ceftriaxone
- B. Augumentin
- C.Clarithromycin
- D.Cotrimoxazole

8.The appropriate dose of intravenous Hydrocortisone during a severe allergic reaction is

- A.100 mg
- B.200 mg
- C.50 mg
- D.150 mg

9. The drug of choice for nebulisation owing to better patient tolerance and a favourable adverse effect profile is:-

- A.Ipapromium bromide
- B. Salbutamol
- C. Combivent
- D. Atrovent

10.The antihistamine of choice for the most severe and recurrent systemic allergic reactions is:-

- A.Clarinase
- B.Chlorapheniramine
- C.Fexofenadine
- D.Loratidine

SECTION II: SHORT ANSWER QUESTIONS (40 MARKS)

1. Outline four (4) classifications of diuretic agents giving an example of a drug in each class (8 Marks)

2. State five (5) classifications of anti hypertensives (5 Marks)

3. List the respective antidotes of the following drugs in the order in which they appear (2 Marks)

- a. Pethidine
- b. Warfarin
- c. Heparin,
- d. Paracetamol.

4.Describe two (2) major classifications of Oral antidiabetic agents (4 Marks)

5. State six (6) health messages you would share with a patient using insulin for management of Diabetes. (6 Marks)

6.With use of relevant rationales outline three (3) indications of benzodiazepines (6 Marks)

7. Discuss three (3) major classifications of Antidepressants (6 Marks)

8.State three (3) health messages you would share with a patient placed on antihypertensive medications for the first time. (3 Marks).

SECTION III : LONG ANSWER QUESTION(20 MARKS)

1. Analgesics are the most commonly used drugs in clinical settings.
 - (a) Describe two (2) major types of analgesics (4 Marks)
 - (b) Discuss five (5) therapeutic and physiological effects of analgesics (10 Marks)
 - (c) Describe three (3) indications of analgesics (6 Marks)

ASAP