

**UNIVERSITY OF ESWATINI**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF GENERAL NURSING SCIENCE**  
**SUPPLEMENTARY PAPER JULY 2019**

COURSE CODE : GNS 208  
COURSE TITLE : PHARMACOLOGY FOR NURSING  
TOTAL MARKS : SEVENTY-FIVE (75)  
DURATION : TWO (2) HOURS

**INSTRUCTIONS:**

1. THE PAPER HAS FOUR QUESTIONS
2. ANSWER ALL FOUR QUESTIONS
3. INSTRUCTIONS ARE GIVEN AT THE BEGINNING OF EACH QUESTION
4. FIGURES IN BRACKETS INDICATE MARKS ALLOCATED PER QUESTION OR A PART OF THE QUESTION.
5. **HANDWRITING MUST BE LEGIBLE.**

**DO NOT OPEN THE EXAMINATION PAPER UNTIL PERMISSION IS GIVEN BY THE INVIGILATOR**

**QUESTION 1**

**Instruction:**

From 1.1 to 1.10, you are required to match the content in Column A with that in Column B.

Write in your answer book as per given *examples*: 1.1 = c, 1.2 = f, and so forth.

**NB:** Four classifications in Column B will remain unused.

Table 1.1 Drugs versus their classifications

Name of the Drug Column A	Classification of Drug Column B -
1.1 warfarin is a/an .....	a. Analgesic
1.2 Salbutamol is a/an .....	b. Anticoagulant
1.3 Dexamethasone is a/an .....	c. Acid neutralizer
1.4 Ranitidine is a/an .....	d. Anticoagulant
1.5 Vitamin C is .....	e. Anti cardiac arrhythmia
1.6 Allergex is .....	f. Oestrogen replacement
1.7 Brufen is a/an ....	g. Broncho dilator
1.8 Digoxin is a/an .....	h. Minor tranquilizer
1.9 Diazepam is a/an .....	i. Antihypertensive
1.10 Oxytocin is a ....	j. Anti scurvy
	k. Hypersensitivity
	l. Anti inflammatory
	m. Antifungal
	n. Breast milk stimulant

(10 points)

**QUESTION 2**

2.1 Define the term 'route' of drug administration. (2)

2.2 Explain any ten routes of drug administration (20)

2.3 State any three reasons why a nurse may not administer a prescribed drug as per documented route of administration on the medical card by the doctor. (3)

[25 points]

**QUESTION 3**

**INSTRUCTION:**

Read scenario first and answer questions as guided

Scenario

A 26-year-old female university student has dysmenorrhea and decides to take paracetamol tablets.

a. State the two classifications of paracetamol. (2)

b. Name two other forms in which paracetamol is manufactured. (2)

c. State the adult dosage of paracetamol. (1)

- d. State the onset of action of paracetamol. (1)
- e. Write down the maximum dose in mg per day of this drug in 24 hours. (1)
- f. Name the organ in the body that is likely to be harmed in the event the student swallows more than the recommended daily dosage? (1)
- g. For how many days may she continuously swallow paracetamol tablets without consulting a physician? (1)
- h. Describe the journey of paracetamol tablets once she swallows them until they reach the state of bioavailability (14)
- i. Explain in what way the first pass effect will affect the paracetamol before it reaches the state of bioavailability. (2)

[25 points]

#### QUESTION 4

##### INSTRUCTION:

Answer as guided by each question

4.1 Name the four special population groups (4)

4.2 Explain one point each about what makes each one group be labelled as 'special' population. (8)

4.3 Write down any three facts about ensuring that the nurse is administering the right drug to the right patient (3)

[15 points]