



UNIVERSITY
OF
JOHANNESBURG

<u>FACULTY</u>	: Health Sciences
<u>DEPARTMENT</u>	: Department of Nursing
<u>CAMPUS</u>	: DFC
<u>MODULE</u>	: FAR02A2 MODULE 1: INTRODUCTION TO POST-BASIC PHARMACOLOGY IN NURSING
<u>SEMESTER</u>	: First
<u>EXAM</u>	: July 2018

<u>DATE</u>	: 18 July 2018	<u>SESSION</u>	: 15:00-18:00
<u>ASSESSOR(S)</u>	: Mrs P Zibi		
<u>MODERATOR</u>	: Mr S Matlala		
<u>DURATION</u>	: 3 HOURS	<u>MARKS</u>	: 100

NUMBER OF PAGES: THIS PAPER CONSISTS OF FOUR (4) PAGES

INSTRUCTIONS:

1. Answer ALL THE QUESTIONS.
2. Number your answers clearly
3. 1 MARK PER MOTIVATED FACT
4. Answer section A and section B in separate books

QUESTION 1

Mr. Dozer was admitted to your ward post removal of gall stones. The doctor ordered pain medication but the sister could not read the doctors handwriting so she just gave Omnopon 20mg IVI. The patient changed condition but was successfully resuscitated. The blood results indicated that the patient was HIV positive. When the doctor disclosed the results to the patient, the patient asked that his wife not be told. The nurse had a slip of the tongue and told his wife that he was on anti-retroviral treatment. He claims that he did not want to tell his wife about his HIV status because she threatened to divorce if he contracted the virus. He now refuses to take treatment and is threatening to commit suicide. They shouted at him and told him that they were not responsible for him becoming HIV positive and they promised to transfer him to another ward if he was not happy.

- 1.1 Based on the scenario above, refer to the ethical principles and the patients' rights charter to identify the rights and ethical principles that were violated *[10]

QUESTION 2

Sister Rig Marole works in a rural area clinic as a Primary health care sister who has a qualification in the Diploma in Clinical Nursing Science: Health Assessment Treatment and Care.

- 2.1 Identify errors that can commonly be committed by the nurses in the primary health care settings related to the prescription of (5)
- 2.2 Identify and explain the Acts and Regulations that guide sister Dose Conscious to prescribe medication for the patients. (5)
- 2.3 Explain the legal requirements of a prescription (10)
- *[20]**

QUESTION 3

- 3.1 Briefly describe the process of pharmacokinetics from the time the oral drug was ingested to the time it was excreted *[15]

QUESTION 4

Mrs Jones in your ward is diagnosed with Congestive Heart Failure and presents with the following symptoms: swollen ankles, blood pressure of **200/130**, a pulse of 120 beats per minute and shortness of breath. The patient is on bed rest as she has oedema of the whole body and difficulty in breathing. The doctor has ordered the following drugs:

DRUG	DRUG CLASS	MODE OF ACTION	SIDE EFFECTS
Enalapril	1	2	1
Atenolol	1	2	1
Verapamil	1	2	1
Lasix	1	2	1
Digoxin	1	2	1

(20)

The doctor decided to add Warfarin tablet 5mg daily to the above mentioned treatment

4.1 Identify the drug class for the Warfarin tablet (1)

4.2 Give reasons why the doctor chose to add this tablet (5)

4.3 Design health education strategies that you would emphasise for a patient who is on Warfarin for Pulmonary Embolism (7)

***[33]**

QUESTION 5

Mr Fatty Boom Boom has been diagnosed with dysrhythmias. The doctor prescribed medication from four different drug classes that will revert his dysrhythmias to normal sinus rhythm

5.1 Give the names of four anti-dysrhythmic drugs from the different drug classes (4)

5.2 Explain the mode of action for each drug class: 2 actions each (8)

4/...

QUESTION 6

- 6.1 Design health education strategies that you would emphasise for a patient who is on corticosteroids for chronic COPD (5)
- 6.2 Explain the side effects of corticosteroids to a patient with COPD on chronic corticosteroid therapy (5)

***[10]**

---oOo---