

NATIONAL UNIVERSITY OF LESOTHO

FACULTY OF HEALTH SCIENCES

DEPARTMENT OF PHARMACY

BACHELOR OF PHARMACY (HONOURS)

PHA 4208- PHARMACEUTICAL PUBLIC HEALTH

SUPPLEMENTARY EXAMINATION PAPER

AUGUST 2023

TIME: 3 HOURS

TOTAL: 100 Marks

INSTRUCTIONS

- **ANSWER ALL THE QUESTIONS IN THIS PAPER**
- **BEGIN EACH ON A NEW PAGE**

1. A 70-year-old female patient presents to the pharmacy with a non-healing wound on her lower leg. She reports injuring her leg three weeks ago while gardening and initially treated the wound at home. However, the wound has not improved, and she now notices increased redness and pain around the wound site. The patient has a medical history of type 2 diabetes and hypertension.
 - a. As a pharmacist, discuss some possible factors that may contribute to poor wound healing. **5 marks**
 - b. The potential complications of a non-healing wound in this case. **5 marks**
 - c. Explain how would you treat the patient to promote wound healing. **10 marks**

[Total 20 marks]

2. Mr Tee, 55-year-old man, has undergone a surgical procedure for colon cancer. He is now adjusting to life with a stoma. He has no known allergies and is currently taking pain medication and antibiotics post-surgery. The pharmacy team is responsible for providing appropriate stoma care advice and addressing any concerns he may have.
 - a. What is a colostomy bag? **1 mark**
 - b. Describe skin care for the area of stoma. **4 marks**
 - c. Which medicines is the patient supposed to avoid. **5 marks**
 - d. Which food is the patient supposed to avoid and not to avoid when using colostomy bag. **5 marks**
 - e. What should the patient look out while using the colostomy bag. **5 marks**

[Total 20 marks]

3. Provide treatment and counseling for a lady with urinary incontinence. **10 marks**

4. Discuss the factors to consider when selecting a suture material for a particular wound. **10 marks**

5. “To become a more effective communicator, it is essential that you realize when you are not communicating effectively and analyze the possible cause”

Discuss barriers to effective communication of the pharmacist with a patient. **20 marks**

6. “Medication adherence and concordance are crucial aspects of patient-centered care that has significant impacts on the effectiveness of medication therapy and patient outcome”

- a. Explain the term Concordance [**2 mark**]
- b. Discuss four ethical considerations underlying concordance practice [**8 mark**].

Total 10 marks

7. “Pharmacists are said to be the best placed healthcare professionals to provide health promotion information and health education material to the general public” Discuss the pharmacist’s role under the following themes of health promotion. **10 marks**

- a. Weight management.
- b. Excessive alcohol intake.