

BACHELOR OF PHARMACY HONOURS
FMU4304 – HOSPITAL PHARMACY– LEVEL 4
FINAL EXAMINATION
DURATION: THREE (03) HOURS

DATE: 27TH SEPTEMBER 2022

TIME: 09.30 A.M. – 12.30 P.M.

Part B – Short Answer Questions (20 Marks)

01.

1.1 Define the term “pharmaco-epidemiology”. (02 marks)

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1.2 What are the two (02) main types of epidemiological studies? (02 marks)

I.

II.

1.3 State two (02) stakeholders who benefit from pharmaco-epidemiological studies. (02 marks)

I.

II.

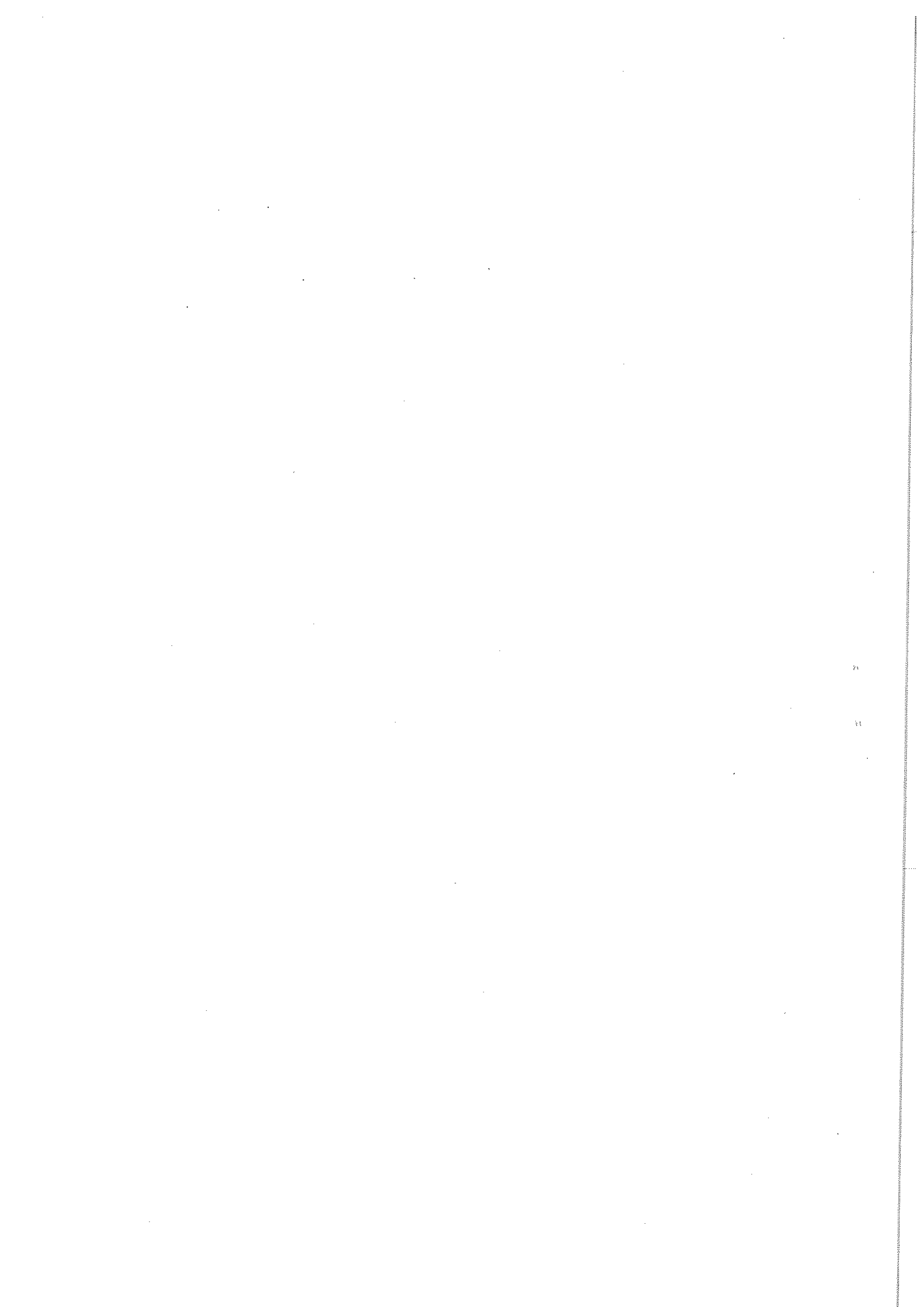
1.4 Give four (04) sources that can be utilized for pharmaco-epidemiological studies. (04 marks)

I.

II.

III.

IV.



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2.1 What is meant by 'aseptic dispensing'? (01 marks)

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2.2 What are the three (03) main levels of microbial risk contamination? (03 marks)

- I.
- II.
- III.

2.3 List three (03) pharmaceutical products that should be dispensed under aseptic techniques. (03 marks)

- I.
- II.
- III.

2.4 State three (03) aseptic techniques that you would follow as a pharmacist in aseptic compounding. (03 marks)

- I.
- II.
- III.

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Part C – Structured Essay Questions (60 Marks)

1.
 - 1.1 Define the term “essential medicines”. (01 mark)
 - 1.2 Write three (03) criteria for the selection of essential medicines. (03 marks)
 - 1.3 Briefly state the role of the pharmacist in updating the national essential medicines list. (04 marks)
 - 1.4 Briefly describe the steps involved in getting a new medicine onto the WHO model list of essential medicines. (07 marks)
2.
 - 2.1 Write four (04) distributing systems of medicines to indoor patients. (02 marks)
 - 2.2 Compare any of the two (02) systems mentioned in 2.1 based on the following factors. (05 marks)
 - a) Material and supply cost
 - b) Pharmacy labor cost
 - c) Pilferage risk
 - d) Medication error risk
 - 2.3 Briefly describe four (04) different pharmaceutical services provided by the hospital pharmacy besides in-patient drug distribution services. (08 marks)
3.
 - 3.1 Define “Good Pharmacy Practice (GPP)”. (01 mark)
 - 3.2 State four (04) main elements of GPP. (04 marks)
 - 3.3 What is the primary objective of emergency care pharmacy services? (02 marks)
 - 3.4 Briefly discuss four (04) patient-related activities of an emergency pharmacist. (08 marks)
4.
 - 4.1 What are radiopharmaceuticals? (01 mark)
 - 4.2 List three (03) main applications of radiopharmaceuticals in the hospital. (03 marks)
 - 4.3 Differentiate between nuclear pharmacy and hospital pharmacy. (03marks)
 - 4.4 Briefly explain five (05) good practices in nuclear pharmacy. (08 marks)