

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
THE ACADEMIC YEAR 2023/2024 – SEMESTER II



BACHELOR OF PHARMACY HONOURS
FMU4205 COMMUNITY PHARMACY LEVEL 4
FINAL EXAMINATION
DURATION: TWO (02) HOURS

DATE: 22ND OCTOBER 2024

TIME: 01.30 P.M. – 3.30 P.M.

Part B – 02 Short Answer Questions (20 Marks)

1.

1.1. State three (03) types of community pharmacies in Sri Lanka. (03 marks)

I).....

II).....

III).....

1.2. List four (04) label requirements that you should check in a medicine container
received at your pharmacy store. (04 marks)

I).....

II).....

III).....

IV).....

1.3. Define the term “cold chain management”. (03 marks)

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INDEX NO.....

2.

2.1. Define the term "Standard Operating Procedure (SOP)". (01 mark)

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2.2. List five (05) elements of a SOP and state the content of each element. (05 marks)

I).....

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II).....

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III).....

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IV).....

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V).....

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2.3. List four (04) advantages of having SOPs in pharmacy practice. (04 marks)

I).....

II).....

III).....

IV).....

Part C – 02 Structured Essay Questions (60 Marks)

1.
 - 1.1. List four (04) types of pharmaceutical waste. (02 marks)
 - 1.2. State four (04) consequences of improper disposal of pharmaceutical waste. (08marks)
 - 1.3. Describe the following methods of pharmaceutical waste disposal
 - 1.3.1. Encapsulation (10 marks)
 - 1.3.2. Landfill (10 marks)
2.
 - 2.1. Define the term “drug abuse and misuse”. (02 marks)
 - 2.2. State two (02) problems that can occur in self-medication with complementary and alternative medicine. (02 marks)
 - 2.3. State four (04) responsibilities of a pharmacist in preventing drug abuse and misuse. (10 marks)
 - 2.4. Write short notes on the following.
 - 2.4.1. Purchase record (08 marks)
 - 2.4.2. Prescription book (08 marks)

DATE: 23RD OCTOBER 2024

TIME: 09.30 A.M. – 12.30 P.M.

Part B – Structured Essay Questions (60 Marks)

1.
 - 1.1 List six (06) opioid analgesics. (03 marks)
 - 1.2 Briefly describe the mechanism of action of opioids. (04 marks)
 - 1.3 Briefly describe four (04) pharmacological effects of opioids. (08 marks)
2.
 - 2.1 List two (02) medication classes with a potential of having falls in elderly. (02 marks)
 - 2.2 Briefly describe the physiological changes of the renal function in the elderly. (03 marks)
 - 2.2 Briefly describe “Beer’s criteria”. (04 marks)
 - 2.3 Briefly describe three (03) measures that can be taken to minimize polypharmacy in elderly. (06 marks)
3.
 - 3.1 List four (04) common adverse effects and four (04) rare adverse effects of combined oral contraceptive pills. (04 marks)
 - 3.2 List two (02) advantages and two (02) disadvantages of progestogen only pills over combined oral contraceptive pills. (04 marks)
 - 3.3 Briefly describe the mechanism of action of combined oral contraceptive pills. (07 marks)
4.
 - 4.1 Write the appropriate antidote for each of the following medicine overdoses.
 - I. Clobazam
 - II. Morphine
 - III. Ferrous sulphate
 - IV. Amlodipine(02 marks)
 - 4.2 Write the scientific name of each of the following plants and their most toxic part.
 - I. Beheth Enderu
 - II. Kaha Kaneru
 - III. Niyagala
 - IV. Attana /Ela Attanana(04 marks)
 - 4.3
 - 4.3.1 State two (02) consequences of methanol toxicity. (01 mark)
 - 4.3.2 Briefly describe the mechanism of action of ethanol given in methanol toxicity. (03 marks)
 - 4.4 Explain the mechanism of paracetamol poisoning. (05 marks)