



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR SECOND SEMESTER EXAMINATION IN BPharmHons - 2021
PHACE 2213 PHARMACEUTICS II

Date: 10.07.2023

Time: 02 Hours

Answer All 04 (Four) Questions.

1.

- 1.1 Briefly Explain The identification of:
 - 1.1.1 different types of medicinal gases with colour coding. (20 Marks)
 - 1.1.2 different types of medicinal gases with valve system. (20 Marks)
 - 1.1.3 empty and full medicinal gas cylinders. (10 Marks)
- 1.2 Briefly explain the:
 - 1.2.1 storage of medicinal gases cylinders. (25 Marks)
 - 1.2.2 Withdrawing of cylinder contents. (25 Marks)

2.

- 2.1 Differentiate the primary and secondary packaging. (20 Marks)
- 2.2 Explain the different packaging materials for parenteral products. (25 Marks)
- 2.3 How does packaging materials maintain the quality of a product. (20 Marks)
- 2.4 Stability testing of a pharmaceutical product. (35 Marks)

3.

- 3.1 Write a brief account on:
 - 3.1.1 semi solid preparation. (20 Marks)
 - 3.1.2 ointment bases. (30 Marks)
- 3.2 List the ideal characteristics of suppository base. (20 Marks)
- 3.3 How does Theobroma oil (cocoa butter) differ from ideal suppository base. (30 Marks)

4.

- Write short notes on:
 - 4.1 advantages and disadvantages of tablet dosage form. (25 Marks)
 - 4.2 hard starch capsules. (25 Marks)
 - 4.3 medical abbreviation "SOS". (20 Marks)
 - 4.4 absorbent Cotton Wool. (30Marks)