



UNIVERSITY OF JAFFNA, SRI LANKA

BACHELOR OF PHARMACY

FIRST YEAR SECOND SEMESTER EXAMINATION – FEB 2017

PHACE 1284 PHARMACEUTICS I

PAPER II

Date: 20.02.2017

Time: 2 hours

ANSWER ALL EIGHT QUESTIONS. Marks allotted to each part are given within brackets.

1.
 - 1.1 Classify the medicinal gasses based on their physical property and explain. (20Marks)
 - 1.2 Write procedure for identification of full and empty cylinder for the medicinal gasses which mention in 1.1 (50Marks)
 - 1.3 List the colour coding of medicinal gas cylinders. (30 Marks)
2.
 - 2.1 List commonly used radiopharmaceuticals. (20Marks)
 - 2.2 Explain the advantages and disadvantages of radiopharmaceuticals. (50Marks)
 - 2.3 Write the labeling requirements of radiopharmaceuticals? (30Marks)
3.
 - 3.1 List the basic requirement of pharmaceutical suspension. (15 Marks)
 - 3.2 Compare the flocculated and de-flocculated suspension. (35 Marks)
 - 3.3 Write an account on application of pharmaceutical suspension. (50 Marks)
4.
 - 4.1 Define 'suppository BP'. (15 Marks)
 - 4.2 Explain why Hard-fat is a good suppository base. (45 Marks)
 - 4.3 Describe how the hardness of a suppository is determined. (40 Marks)
5.
 - 5.1 Briefly describe the good characters of ointment base. (50 Marks)
 - 5.2 Explain the ointment preparation methods. (50 Marks)
6. Describe the following regarding Gargle:
 - 6.1 ingredients. (20 Marks)
 - 6.2 labeling. (30 Marks)
 - 6.3 instruction to the patients. (50 Marks)

7. Write a short notes on
- 7.1 liniment. (40 Marks)
 - 7.2 aromatic waters. (30 Marks)
 - 7.3 syrup. (30 Marks)
- 8.
- 8.1 List the type of emulsion and describe their properties. (40 Marks)
 - 8.2 Explain the identification test for type of emulsion. (30 Marks)
 - 8.3 Explain the stability problems on emulsion. (30 Marks)