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UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
FIRST YEAR SECOND SEMESTER EXAMINATION March 2019
PHACE 1284 PHARMACEUTICS I - PAPER II

Date: 29.03.2019

Time: 2 Hours

Answer all eight (08) questions.

- 01.** 1.1 Write the functions of label. (15 Marks)
- 1.2 List the Different type of label. (15 Marks)
- 1.3 Explain the labeling requirement of Manufacturer label. (70 Marks)
- 02.** Compare the following dosage forms:
- 2.1 Cream and ointment. (25 Marks)
- 2.2 Lotion and liniment. (25 Marks)
- 2.3 Eye drop and ear drop. (25 Marks)
- 2.4 Individual powder and bulk powder. (25 Marks)
- 03.** 3.1 List the 'dosage form' which are solution. (20 Marks)
- 3.2 List the solubility of solute with reference to the BP. (20 Marks)
- 3.3 Describe the different type of vehicle used for solution. (50 Marks)
- 04.** 4.1 List the specifications of suppository bases. (20 Marks)
- 4.2 Describe the advantages of synthetic triglycerides over theobroma oil as suppository base. (30 Marks)
- 4.3 Explain the ideal characteristics of a pessary base. (50 Marks)

05. 5.1 Name the colour coding of both medicinal gas cylinders and pipe system. (30 Marks)
- 5.2 How do you identify the empty and full cylinders of medicinal gases? (30 Marks)
- 5.3 Write the storage condition of medicinal gases. (40 Marks)
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06. 6.1 Name the types of oral tablets. (20 Marks)
- 6.2 List the advantages of soft gelatin capsules. (30 Marks)
- 6.3 Briefly explain the quality control testing of suppositories. (50 Marks)
07. Write an account on the following with reference to 'radiopharmaceuticals'.
- 7.1 the advantages and disadvantages. (25 Marks)
- 7.2 Compounding. (25 Marks)
- 7.3 Labelling (25 Marks)
- 7.4 Technetium-99m (25 Marks)
08. Write an account on:
- 8.1 Emulsifying agents. (35 Marks)
- 8.2 Pharmaceutical gel. (30 Marks)
- 8.3 British pharmacopeia. (35 Marks)