



**P-16112010701040100** Seat No. \_\_\_\_\_

**M. P. M. (Sem. IV) Examination**  
**November / December - 2018**  
**Dispensing Pharmacy**

Time : 3 Hours]

[Total Marks : 80

- Instructions :**
- (1) Attempt three questions from each section.
  - (2) Question 1 and 5 are compulsory.
  - (3) Tie each section separately.
  - (4) Figures to the right indicates full marks for the respective question.

**SECTION - I**

- 1** Answer the following questions : (any **seven**) **14**
- (1) Give the Four examples of Natural flavouring agent.
  - (2) Give the Four examples of Sweetening agent.
  - (3) 1 fl oz = \_\_\_\_\_ ml.
  - (4) 30 grains = \_\_\_\_\_ gm.
  - (5) 1 wine glassful = \_\_\_\_\_ fl drachm = \_\_\_\_\_ ml.
  - (6) 3 fl drachm = \_\_\_\_\_ ml.
  - (7) Classify the liquid dosage forms.
  - (8) Comment : Syrup has a self-preservative action.
  - (9) Differentiate : Suspension and Emulsion.
  - (10) Write freezing point depression equation to get Isotonic solution.
- 2** Answer the following : **7**
- (1) Explain source of errors in prescriptions. **7**
  - (2) Discuss Compounding and dispensing procedures for various dosage form. **6**
- 3** Answer the following : **7**
- (1) How to calculate of doses for infants, adults and elderly patients according to different methods ? **7**
  - (2) Write a note on displacement value. **6**

- 4 Answer the following : 7
- (1) Discuss enlarging and reducing recipes. 7
- (2) Translate following Prescription. 6
- Rx
- Olei terebinthinae fl 3 ii
- Aquam cinnamomi...q.s.....fl 3 x
- Fiat : Haustus
- Signa : Statim capiendus

## SECTION - II

- 5 Answer the following : (any two) 14
- (1) Define and explain the types of mixtures.
- (2) Describe Packaging materials for various dispensed products.
- (3) Define and explain ointment dosage form with its advantages and disadvantages, dispensing procedure, labelling and storage requirements.
- 6 Answer the following : 7
- (1) Explain physical incompatibilities in dispensed product with examples. 7
- (2) Describe chemical incompatibilities. 6
- 7 Answer the following : 7
- (1) Differentiate Lotion and Liniments. 7
- (2) Explain Labelling requirements for following dosage form. 6
- (i) Suspension
- (ii) Liniments
- (iii) Eye drops.
- 8 Answer the following : 7
- (1) Define and explain cream dosage form with its advantages and disadvantages, dispensing procedure, labelling and storage requirements. 7
- (2) Why latin words used in dispensing prescription ? 6