



J-1612010701040100 Seat No. _____

M. P. M. (Sem. IV) Examination

June / July - 2019

Dispensing Pharmacy

Time : 3 Hours]

[Total Marks : 80

- Instructions :**
- (1) Answer and tie both the sections separately.
 - (2) Figure to the right indicates marks
 - (3) Answer any three (3) questions from each section.
 - (4) Que. One (1) & Que. Five (5) are compulsory.
 - (5) Draw neat and clean diagrams as required.

SECTION - I

1 Answer Any SEVEN out of given TEN questions : 7×2=14

- (a) Define: Displacement value?
- (b) Give the Clark's Formula for calculate the dose of child.
- (c) Give difference between lotion and liniment.
- (d) Give the labeling condition for below listed dosage form:
 - (1) Emulsion
 - (2) Suppositories
- (e) Classify dosage form and define any two.
- (f) How will you calculate a dose of 15 months old child if adult dose is 600 mg?
- (g) Give the labeling condition for Eye Drops.
- (h) Enlist the advantages and Disadvantages of Powder Dosage Form.
- (i) Explain Lozenges.
- (j) Define: Tablet triturates.

2 Answer the following :

- (a) Define Posology and Explain the factors affecting to the fixation of dosage. **7**
- (b) Explain about various source of error in Prescription. **6**

- 3 Answer the following :
- (a) Classify the ointment bases in detail with its ideal qualities. 7
- (b) Explain the identification test of types of emulsion. 6
- 4 Answer the following :
- (a) Write a brief note on theory of Emulsification. 7
- (b) (i) How many Parts of 80%, 65%, 32% and 20% alcohols are to be mixed together so as to give 40% alcohol? 6
- (ii) Convert 91% V/V and 50% V/V Alcohol into proof strength.

SECTION - II

- 5 Answer Any TWO out of given THREE questions : 2×7=14
- (a) Define Prescription. Discuss the different parts of the prescription with example.
- (b) Classify chemical incompatibilities and explain any two in detail with its corrective action.
- (c) Explain emulsifying agent with HLB Scale.
- 6 Answer the following :
- (a) Explain the various problems for dispensing of powder dosage form with their remedies. 7
- (b) Write a note on various methods for preparation of ointment. 6
- 7 Answer the following :
- (a) Define Emulsion explain types and method of Preparation of emulsion. 7
- (b) Short note on Paste. 6
- 8 Answer the following :
- (a) Explain tolerated incompatibility and adjusted incompatibility with example. 7
- (b) Write a brief note on suppository base with its ideal properties. 6