



MCR-1612010701040100 Seat No. _____
Master of Pharmacy Management Examination
May / June - 2018
Dispensing Pharmacy

Time : 3 Hours]

[Total Marks : 80

Instructions :

- (1) Figure to the right indicates marks.
- (2) Answer any three question from each section.
- (3) Question one and question five are compulsory.
- (4) Draw neat and clean diagrams as required.

SECTION – I

- 1** Answer any **SEVEN** out of **10** : **14**
- (a) Define Suspension and enlist the classification of suspension.
 - (b) Why non staining iodine ointment does not stain the skin ?
 - (c) Define displacement value.
 - (d) Find out the concentration of sodium chloride required to produce a solution iso osmotic with blood plasma. (molecular weight of sodium chloride = 58.5)
 - (e) Give your comments : Yellow soft paraffin is used for the preparation of ophthalmic ointment.
 - (f) Define incompatibility and enlist the different types of incompatibilities.
 - (g) An elixir contain 40% v/v alcohol, what is the proof spirit ?
 - (h) How many parts of 85%, 60%, 30% and 25% alcohols are to be mixed together so as to give 40% alcohol ?
 - (i) Write Cowling's and Clark's formula for dose calculation.
 - (j) Write down the difference between liniment and lotion.
- 2** Answer the following questions :
- (a) Describe in detail various factors affecting stability of Suspension. **7**
 - (b) Define Syrup and explain in detail methods of preparation of syrups. **6**

- 3** Answer the following questions :
- (a) Define prescription. Write in brief different parts of prescription. **7**
- (b) What are the different types of containers commonly used for pharmaceutical products ? Write in brief about glass containers. **6**
- 4** Answer the following questions :
- (a) Define posology and describe in detail various factors affecting fixation of dosage. **7**
- (b) Write a short note on types of dispensed products with classification. **6**

SECTION – II

- 5** Answer any **TWO** out of **THREE** : **7×2=14**
- (a) Explain physical incompatibility with suitable examples.
- (b) Define ointment and explain in detail the methods of preparation of ointment.
- (c) Describe in detail the methods of preparation of suppository.
- 6** Answer the following questions :
- (a) Write a short note on suppository bases. **7**
- (b) Define powders, write down its classification, advantages and disadvantages. **6**
- 7** Answer the following questions :
- (a) Define emulsion and discuss in detail tests for identification of types of emulsion. **7**
- (b) Write a short note on Lozenges. **6**
- 8** Answer the following questions :
- (a) Classify the chemical incompatibility and explain any one in detail. **7**
- (b) Write a short note on effervescent granules. **6**