



J-014-1041005 **Seat No. _____**
M. P. M. (Sem. I) (W.E.F.-2017) (CBCS)
Examination
June / July - 2019
BP-103 : Pharmaceutics - I

Faculty Code : 014
Subject Code : 1041005

Time : 3 Hours]

[Total Marks : 75]

Instructions :

1. Answer the following questions.
2. Figure to the right indicate marks.
3. Draw neat & clean diagrams as required.

1 Answer the following questions : **10×2=20**

- A. What does the term subscription mean?
- B. Define the term pharmacopeia and enumerate various pharmacopeia.
- C. How will you calculate the dose of 15 month of child if adult dose is 500mg for a drug?
- D. What do you mean by cracking of emulsion?
- E. What do you mean by flocculated suspension? Enumerate the example of flocculating agent.
- F. What do you mean by paste and gel?
- G. Give the Latin term of below words.
 - I) Haustus
 - II) Si opus sit
- H. Explain how insufflations and throat paints are used.
- I. What will be the percentage strength corresponding to 60 O.P. and 40 U.P.
- J. Give classifications of Liquid Products.

2 Answer any **two** out of the following : **2×10=20**

- A. Define the term prescription. Describe the various parts of prescription. Write down the methods for handling the prescription.
- B. Write down the ideal requirement of ointment base. Discuss different type of ointment bases and explain the factors considered during the selection of ointment base.
- C. What is emulsion? Write down the method of preparation of it. Discuss the test to identify the type of emulsion.

3 Answer any **7** out of the following : **7×5=35**

- A. Write a note on Indian pharmacopeia.
- B. Discuss the various sources of errors while dispensing prescription. How these errors are corrected?
- C. What do you mean by Posology? Explain the factors affecting the dose of drug.
- D. Discuss the general methods of dispensing of mixtures containing diffusible solids and indiffusible solids.
- E. Classify powders. Briefly explain steps involved in its preparation.
- F. Define Suppositories and write down method of preparation of the suppositories.
- G. What are suspensions? Write down the ideal characteristics' of suspension. Discuss the formulation of suspension.
- H. Discuss the physical incompatibility with methods of correction.
- I. Discuss the liniments and lotions.
