



**JBL-M201911**  
**First Year Pharm. D. Examination**  
**December - 2019**  
**Pharmaceutics**

Seat No. \_\_\_\_\_

Time : 3 Hours ]

[ Total Marks : 70

- 1 Answer the following questions : **10×2=20**
- (a) Explain allegation.
  - (b) Define lotion and liniment.
  - (c) Enlist the errors of a prescription.
  - (d) Draw a neat and labelled sample prescription.
  - (e) Calculate the dose for an infant who is 5 months old if the adult dose is 220 mg.
  - (f) Write Young's and Dilling's formula for dose calculation.
  - (g) Classify incompatibilities with example.
  - (h) Classify powders and define any one.
  - (i) What is the Indian national formulary?
  - (j) Explain hypertonic and hypotonic solution.
- 2 Answer any two out of the following : **2×10=20**
- (a) Explain the parts of a prescription and its handling in detail.
  - (b) Write a detailed note on the scope and history of pharmacy.
  - (c) Write the definition, advantages, disadvantages and formulation of suspensions and emulsions..
- 3 Answer any 6 out of the following : **6×5=30**
- (a) Explain gargles and mouthwashes in detail.
  - (b) Define and classify suppositories, give its advantages and disadvantages.
  - (c) Explain in detail insufflations with suitable example.
  - (d) Explain any one pharmacopoeia in detail.
  - (e) Classify dosage forms with examples and define at least four dosage forms.
  - (f) Write a short note on galenicals.
  - (g) Define Posology and explain in detail the factors affecting dose calculation.
  - (h) Explain syrups in detail with suitable example.