



DAT-M201911

Seat No. _____

First Year D. Pharm. Examination

May - 2022

1.2 Pharmaceutics (Theory)

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) Figures to the right indicate marks.
(2) Draw neat and clean diagram when required.

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

- (1) Define posology.
- (2) What do you mean by proof spirit and isotonic solutions?
- (3) Explain the term Pharmacopoeia, mention its publisher and enlist any two Pharmacopoeia.
- (4) Define tinctures and extracts.
- (5) Enlist at least four evaluation tests of suppositories.
- (6) Define with an example Liniments and Lotions.
- (7) Differentiate monophasic and biphasic dosage form with example.
- (8) Explain the term dosage form with example.
- (9) What the term insufflation means?
- (10) Define Enemas and collodions.

2 Answer the following questions : (Any two) **2×10=20**

- (1) Give an informative note on Compound powders, Dusting powders, Eutectic and Explosive powders, Tooth powder and effervescent powders.
- (2) Write down a note on prescription, its part and how to handle it.
- (3) Define galenical, enumerate different extraction techniques and write a brief note on Infusion, Decoction, Maceration and Percolation.

3 Answer the following questions : (Any **six**) **6×5=30**

- (1) Write a short note on emulsion along with its types, stability and evaluation.
 - (2) Define incompatibility, explain chemical incompatibility in detail.
 - (3) Differentiate suppositories and pessaries, what types of bases can be used in it, mention displacement value equation.
 - (4) Write a note on ear drops and eye drops.
 - (5) Differentiate mouth wash and gargles.
 - (6) What are the factors affecting dose selection?
 - (7) Write a short note on surgical aids.
 - (8) Give a note on theoretical aspects of formulation adjuvant like stabilizers, colorants, flavors with examples.
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