

I/IV B. PHARMACY (Supple) EXAMINATIONS, DECEMBER - 2022
First Semester**PHARMACEUTICS - I**
(Effective from the admitted batch 2017-18)

Time : Three Hours

Maximum : 75 Marks

SECTION - A

Answer any FIVE Questions.

5x10 = 50 M

1. Explain the history of pharmacy profession in India ? Write a note on I.P ?
2. Explain the solubility enhancement techniques ? Write the advantages and disadvantages of liquid dosage forms.
3. Explain the method of preparation of suspensions ?
4. Explain the displacement value and evaluation of suppositories.
5. Classify pharmaceutical incompatibilities with examples.
6. Explain the preparation and evaluation of ointments.
7. Explain the parts of prescription and handling of prescription.

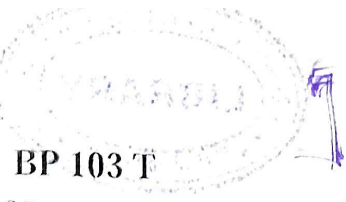
SECTION - B

Answer any FIVE Questions.

5x5 = 25 M

8. Explain the factors effecting posology.
9. Write a note on emetic mixtures and hygroscopic powders.
10. Differentiate flocculates and deflocculated suspension.
11. Explain the identification test for emulsions.
12. Determine the displacement value of a medicament in theobroma oil suppositories containing 40% medicaments, prepare in 1gm mould, the weight of 10 suppositories is 14.66 gm.
13. Explain the factors influencing the dermal penetration of drug.
14. Explain the differences between effervescent and efflorescent powders.





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I/IV B. PHARMACY DEGREE EXAMINATIONS, JULY - 2022

First Semester

PHARMACEUTICS - I

(Effective from the admitted batch 2017-18)

Time : Three Hours

Maximum : 75 Marks

SECTION - A

Answer any FIVE Questions.

5x10 = 50 M

1. a) Discuss the geometric dilutions in powders and explain eutectic mixtures.
b) Give the classification of dosage forms with definitions and examples.
2. Explain in brief method of preparation of suspensions. Add a note on different classes of emulsifying agents.
3. Discuss the ideal properties of ointment bases and write the preparation methods of ointments.
4. Classify incompatibilities. Discuss physical incompatibility with suitable examples.
5. Give a note on displacement value considered in preparation of suppository.
Add a note on different suppository bases.
6. a) Write the principle, composition, formula for Throat paints, gargles & Mouthwashes.
b) Add a note on any 3 - solubility enhancement techniques.
7. Write detail note on formulas related to :
 - a) Pediatric dose calculation.
 - b) Proof spirit.
 - c) Allegation method.
 - d) Isotonic solutions freezing point.

SECTION - B

Answer any FIVE Questions.

5x5 = 25 M

8. Write the preservatives used in liquid dosage form formulations.
9. What is pharmacopeia. Add a note on Extra pharmacopeia.
10. Write a detail note on idiosyncratic drug reactions.
11. Write a note on stability tests performed for emulsions.
12. Enumerate the differences between ointments and pastes.
13. Explain with examples; effervescent and efflorescent powders.
14. Discuss the excipients used in semisolid dosage forms.



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**I/IV B. PHARMACY (SUPPLE) DEGREE EXAMINATIONS,
JANUARY - 2022**

First Semester

PHARMACEUTICS - I

(Effective from the admitted batch 2017-18)

Time : Three Hours

Maximum : 75 Marks

SECTION - A

Answer any FIVE Questions.

5x10 = 50 M

1. Classify Powders. Write a note on Cachets and effervescent granules.
2. Write a note on different bases used in ointments.
3. Define Posology. Discuss factors affecting dose selection.
4. Write various preparation methods of emulsions.
5. Write the principle, formula and uses of gargles & mouthwashes.
6. Write History and development of Pharmacy Profession. Add a note scope of Pharmacy education.
7. a) Calculate the quantities for 60% & 20% alcohol required to prepare 150ml of 30% alcohol.
b) Write a note on Geometric dilutions.

SECTION - B

Answer any FIVE Questions.

5x5 = 25 M

8. Give the remedy to overcome incompatibility due to liquefaction.
9. Write a note on Displacement value giving suitable examples.
10. Differentiate between lotions and liniments.
11. Classify dosage forms and define; Tablet, Syrup, Emulsion, Suspension.
12. Write a note on evaluation tests for emulsion and suspensions.
13. Enlist various contents of Indian Pharmacopeia.
14. Discuss allegation and proof spirit.

I/IV B.PHARMACY (Supply) DEGREE EXAMINATIONS, OCTOBER-2020

First Semester

B.Pharmacy

PHARMACEUTICS-I

(Effective from the admitted batch 2017-18)

Time: Three Hours

Maximum marks:75

SECTION-A

Answer any FIVE Questions.

5X10=50M

1. a) Discuss in brief the various methods involved in preparation of emulsion.
b) Write the Qualities of an ideal emulsifying agent.
2. Define Prescription and write various parts of prescription with examples.
3. Classify powders. Write a note on bulk powders used for external use.
4. Discuss in brief the various reasons which causes therapeutic incompatibility with examples.
5. Classify different suppository bases used in Preparation of suppositories.
6. Add a note on Solubility enhancement techniques and discuss merits and demerits of liquid dosage form.
7. Write a note on Preparation methods of ointments.

SECTION-B

Answer any FIVE Questions.

5X5=25M

8. Write the differences between lotions and liniments.
9. Discuss in brief about the formulation of suspension.
10. Give a brief account on displacement value.
11. a) Calculate the dose for i) a 8 months old infant, ii) a Child of 6 years age
(iii) a boy of 16 years age (iv) child with surface area of 0.57 m^2
(adult dose =100 mg)

P.T.O

- b) Calculate the real strength of 30° O.P & 40° U.P.
12. Write a short note on Indian Pharmacopeia.
13. Write the Principle and composition involved in Mouthwashes and Mandl's Paint.
14. Write a note on Evaluation tests for semi-solid dosage forms.



Total No. of Questions :14]

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I/IV B.PHARMACY (Supply) DEGREE EXAMINATIONS, OCTOBER-2020

First Semester

B.Pharmacy

PHARMACEUTICS-I

(Effective from the admitted batch 2017-18)

Time: Three Hours

Maximum marks:75

SECTION-A

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First Semester

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SECTION - B

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