

## First Semester B.Pharm Degree Examinations February 2019

## Pharmaceutics- I

## (2017 Scheme)

Time: 3 Hours

Max. Marks: 75

- Answer all questions
- Write equations wherever necessary

Essay

(2x10=20)

1. Elaborate the method of preparation and evaluation of suppositories. Add a note on suppository bases. (6+4)
2. Classify various dosage forms with suitable examples. Describe the various adjuvants required for the formulation of liquid dosage form

Short Notes

(7x5=35)

3. What is prescription. List out the sources and different types of errors found in prescription handling.
4. Differentiate flocculated and deflocculated suspensions.
5. Different methods involved in the preparation of emulsion with suitable examples.
6. What are the common advantages and disadvantages of powder as a solid dosage form.
7. Give the importance of displacement value in suppositories
8. What are the factors affecting posology.
9. If a child's dose (5 mL) of a cough syrup contains 10 mg of dextromethorphan hydro bromide what is the amount of drug present in 240 mL. If the amount of dextromethorphan hydro bromide in 240 mL of cough syrup is 480 mg, what would be the volume required for a child's dose of 10 mg.

Answer Briefly

(10x2=20)

10. What are the precautions need to be taken while using mouth wash
11. Give four examples for suspending agents.
12. Name the commonly used lubricants in suppository mould while preparing suppositories.
13. Differentiate syrups and elixirs with suitable examples.
14. What are divided powders
15. What is Lugol's solution
16. What are the general labelling instruction for semi-solid dosage form
17. How much of a 20% w/v solution would be required to produce 250 ml of a 0.5% w/v solution
18. Give examples for chemical incompatibility
19. Different methods used for the calculation of child dose

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