

ADICHUNCHANAGIRI UNIVERSITY

B.Pharmacy I Semester Examination – September 2019

TIME: 3 HOURS

MAX.MARKS: 75 MARKS

PHARMACEUTICS - I

Q P Code:- 11123

- INSTRUCTIONS:** 1. Your answer should be specific to the questions asked.
2. Write legibly.
3. Write the same question numbers as they appear in this question paper.
4. Draw neat labelled diagrams wherever necessary.

LONG ESSAYS (Answer **any Two**)

2X10=20

1. Define a Prescription. Briefly write about different parts of a Prescription.
2. Enlist the advantages and disadvantages of Liquid dosage forms. Briefly explain the excipients used in monophasic liquid dosage forms with examples.
3. Mention the excipients used in semisolid preparations with examples. Explain any **two** methods of preparation of semisolids.

SHORT ESSAYS (Answer **any Seven**)

7X5=35

4. Explain different types of suppository bases.
5. Discuss the paediatric dose calculations based on age and baby weight.
6. Explain the general method of preparation of suspensions.
7. Differentiate Flocculated and Deflocculated suspensions.
8. Explain the stability problems in Emulsions.
9. Define incompatibility. Briefly write about chemical incompatibility with examples.
10. Explain the evaluation of suppositories.
11. Write the advantages and disadvantages of powders.
12. Discuss the development of Pharmacy profession in India.

SHORT ANSWERS (Answer **all the questions**)

10X2=20

13. Mention any TWO prescription errors.
14. Define Mouthwashes. Give examples.

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15. Define dusting powders. Give examples.
16. How do you prepare Eutectic mixtures?
17. Define proof spirit. What is the use of Proof spirit in pharmaceutical formulations?
18. Mention any FOUR solubility enhancement techniques.
19. What are Elixirs? Give examples.
20. Define Ear drops. Give examples.
21. Define Lotions. Give examples.
22. Classify Semisolid preparations.
