

# ADICHUNCHANAGIRI UNIVERSITY

## Pharm. D (Annual) Examination – September 2019

TIME: 3 HOURS

MAX.MARKS: 70 MARKS

Sub: Pharmaceutics

Q P Code: - 44102

**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. Explain simple Percolation with a neat labeled diagram.
2. What are Suppositories? Give their advantages and disadvantages. Discuss in detail various suppository bases.
3. Define Suspension? Explain the preparation of suspension containing diffusible and indiffusible solids.

**SHORT ESSAYS (Answer any six)**

**6X5=30**

4. Differentiate between Syrups and Elixirs.
5. Explain instability of Emulsion and discuss the cause.
6. Explain the method of preparation of effervescent granules.
7. Define surgical dressings. Explain the classification of surgical dressings
8. Write a note on development of Indian Pharmacopoeia.
9. How do you prepare 1000 gm of 6% w/w acetic acid from 33% w/w acetic acid?
10. Define Prescription. Explain the parts of Prescription.
11. Explain with suitable examples, any three types of Therapeutic Incompatibility.

**SHORT ANSWERS (Answer all Questions)**

**2X10=20**

12. Define liquefaction with examples
13. Define Galenicals and name the methods of preparation for tinctures from unorganized crude drug.
14. What is Geometric dilution?
15. Differentiate between the terms 'marc' and "menstruum"

**P.T.O**

16. Define the terms Idiosyncrasy and Tachyphylaxis.
17. Classify liquid dosage forms.
18. What is the Clarks formula for calculation of child dose?
19. Define 'Cracking' and Creaming.
20. Define and classify Dusting powders.
21. Define Enema. Give two examples.

\*\*\*\*\*

ACU, 05-09-2019 at 9-30 to 12.30