

Time: 3 Hours

[Max. Marks: 80]

Pharmaceutics (RS2)**QP Code : 1952**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY (Answer any two)**2 X 10 = 20 Marks**

1. Describe the various methods for preparation of emulsions. Add a note on instability of emulsions.
2. Differentiate between the following (a) syrups and elixirs (b) mouth washes and gargles (c) lotions and liniments.
3. Discuss in detail Maceration as an extraction process.

SHORT ESSAY (Answer any eight)**8 X 5 = 40 Marks**

4. Describe the standardization of surgical catgut.
5. Discuss the physical instability problems of emulsions.
6. Discuss the formulation and method of any one throat paint.
7. Give the formula and method of preparation of cresol with soap solution.
8. Define suppositories. Discuss their advantages and disadvantages.
9. Write a note on BP and USP.
10. Write a note on collodions and enemas.
11. Classify powders. Add a note on bulk powders for external use.
12. Explain parts of prescription with an example.
13. Differentiate between flocculated and deflocculated suspensions.

SHORT ANSWERS**10 X 2 = 20 Marks**

14. Write the standard values of a) one fluid ounce b) one pint.
15. Define infusions and decoctions.
16. Write a brief note on oil bath used for heating processes.
17. Write the qualities of an ideal suspension.
18. Write a brief note on insufflations.
19. When were the different editions of Indian Pharmacopoeia published.
20. Name any four monophasic liquid dosage forms.
21. Give examples of coloring and flavoring agents.
22. What is displacement value? Write its significance.
23. Describe any one test for identifying type of emulsion.

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