

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. Define Posology. Discuss any eight factors influencing the dose of a drug.
2. Classify suspensions. List out the ideal properties of a suspension. Give the method of preparation of a suspension with diffusible solids.
3. Discuss the Maceration process for organized drugs. How does it differ from the process used for unorganized drugs?

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

4. Give the ideal properties of suppository bases. Add a note on emulsifying bases.
5. Discuss any four chemical incompatibilities.
6. Write a note on different types of percolators.
7. Write any four identification tests for emulsions.
8. Define dosage forms. Give an account of semisolid dosage forms.
9. Explain the principle involved in the preparation of Strong Ammonium Acetate solution I.P.
10. How a prescription should be handled? Discuss
11. What are liniments? How do they differ from lotions? Give the formulation of an official lotion.
12. Explain the methods of sterilization of surgical catgut.
13. In what proportion should 50% v/v alcohol and 30% v/v alcohol be mixed to produce 4000 ml of 20% v/v of alcohol?

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

14. Comment "Water is an Ideal Solvent".
15. What are organoleptic additives? Give one example each.
16. What are the advantages of emulsion?
17. Give the packaging requirements for efflorescent powders and volatile substances.
18. Name any four salient features of Indian Pharmacopoeia 1985
19. Write a note on lubrication of suppository moulds.
20. Define (a) Sublimation (b) Distillation
21. Define enemas. Give two examples.
22. Name any two antiseptic preparations.
23. Name any four monophasic liquid dosage forms.

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