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Total No. of Pages : 02

Total No. of Questions : 18

Pharm. D. (Sem.-1)  
**PHARMACEUTICS**  
Subject Code : 1.2  
M.Code : 26504

Time : 3 Hrs.

Max. Marks : 70

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A contain SEVEN questions. Attempt any FIVE questions. Each question will carry TWO marks. Attempt any SIX
2. SECTION-B contain EIGHT questions (Short Essay Type). questions. Each question will carry FIVE marks.
3. SECTION-C contain THREE questions (Long Essay Type). Attempt any TWO questions. Each question will carry FIFTEEN marks.

**SECTION-A**

1. What is a prescription?
2. Mention the formula for calculating dose on the basis of age.
3. What are the ingredients of throat paint?
4. Give examples of explosive powers and method to dispense them.
5. Define mouth washes and mention their ingredients.
6. Define displacement value.
7. What is Gelatin sponge?

**SECTION-B**

8. Enumerate the parts of a prescription and highlight their importance.
9. What are eutectic mixtures? Give examples and describe the method for dispensing them in powder form.

10. Write a note on colorants used in pharmaceuticals.
11. What are lotions and liniments? Giving suitable examples discuss the role of each ingredient included in their formulation.
12. What are suspensions? Mention examples of suspending agents and methods for evaluating the stability of suspensions.  
Describe the process of decoction and percolation with their advantages and limitations.
- 13.
14. What are surgical dressings and medicated bandages? Mention their uses.
15. Differentiate tolerated incompatibility from adjusted incompatibility.

### SECTION-C

16. What is meant by displacement value? A suppository containing 60% base and 40% drug was found to weight 1000 mg. Suppository formed in the same mould containing only base was found to weight 800 mg. Calculate the displacement value.
17. What are suppositories? Discuss the melting and non-melting bases used in suppositories.
18. Enumerate the steps involved while filling a prescription. Comment on the sources of errors and precautions to be taken while handling a prescription.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.