

PARUL UNIVERSITY
FACULTY OF PHARMACY
Pharm.D November – 2019 Examination

Year: 1**Subject Code: 08207102****Subject Name: Pharmaceutics****Date: 26/11/2019****Time: 10:00 am to 01:00 pm****Total Marks: 70****Instructions**

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1. Essay Type Questions. (any 2 out of 3) (15 Mark Each) (30)

1. Define Posology. Write in detail about calculation of dose for children and infant.
2. Give detailed Classification, advantages and disadvantages of powders. Write a note on effervescent powders and granules.
3. Define Prescription: write in detail about parts and handling of Prescription.

Q.2. Short Essay Type Questions. (any 4 out of 5) (5 Mark Each) (20)

1. Enlist various monophasic liquids for external use. Discuss anyone which is useful for oral cavity.
2. Brief about the dry gum and wet gum methods for emulsification.
3. What are incompatibilities, give importance of determining Incompatibility.
4. What are ideal requirements of suppository base? Discuss the oleaginous base of the suppository in detail.
5. Write in detail about the Indian Pharmacopoeia.

Q.3. Short Answers. (2 Mark Each) (20)

1. Differentiate; Syrup IP and Syrup USP
2. Explain in brief about Geometric Mixing.
3. Write on lubrication of Suppository mould.
4. What are Diffusible and Indiffusible Mixtures?
5. Calculate the volume of 90 % alcohol required to prepare 300 ml of 45 % alcohol using the Alligation method.
6. Why Liniments are applied with friction.
7. Differentiate; Mouthwash and Gargles
8. Displacement values of a drug for the molded dosage form.
9. Find the volume of 70 % alcohol and water required to prepare 200 ml of 49 % alcohol.
10. Differentiate suspension and Emulsion.