

Enrolment No. \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF PHARMACY**  
**B.PHARM FIRST SEMESTER**

**SECOND INTERNAL THEORY EXAMINATION: 2022-23**

**Subject Name: Pharmaceutics I**

**Subject Code: BP103T**

**Time: 12.00pm to 01.15 pm**

**Date: 22/02/2023**

**Total Marks: 30**

- Q.2 Long Answer: (Answer Any one) (1 X 10 =10) (10)**
1. Write in detail about suppositories including advantage, disadvantage and bases for suppositories.
  2. Classify semisolid dosage forms and write note on ointments including ointment bases with example.
- Q.3 Short Answer (Answer Any Two) (2 X 5=10) (10)**
1. Explain briefly about emulsifying agent and instabilities of emulsion.
  2. Differentiate between flocculated and deflocculated suspension.
  3. Classify monophasic liquid dosage form and write a note on syrups.

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**Instructions:**

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

**Q.1 Multiple Choice Questions. (10 X 1=10)**

**(10)**

- 1 From the following which dosage form contains alcohol?  
a) Lotion  
b) Elixir  
c) syrup  
d) Mixture
- 2 Acacia gum is which type of emulsifying agent?  
a) Natural  
b) Synthetic  
c) Both  
d) None of the above
- 3 From the following which dosage form needs to be sterile?  
a) Syrups  
b) Elixir  
c) Eye drops  
d) None of the above
- 4 Creaming is observed in \_\_\_\_\_ dosage form?  
a) Emulsion  
b) Suspension  
c) Both  
d) None of the above
- 5 In which suspension Rate of flocculation is higher??  
a) Flocculated  
b) De-flocculated  
c) both  
d) None of the above
- 6 Suppository should melt at which temperature?  
a) 37 degree celcius  
b) 40 degree celcius  
c) 30 degree celcius  
d) 25 degree celcius
- 7 Paste contains how much percentage of solid?  
a) Less than 30  
b) More than 50  
c) Less than 10  
d) Less than 20
- 8 Cold cream is which type of emulsion?  
a) Oil in Water  
b) Water in Oil  
c) Both  
d) None of the above
- 9 Example of synthetic gelling agent ?  
a) Agar  
b) Gelatin  
c) Carbopol  
d) All of the above
- 10 Nasal bougies are used for which body cavity?  
a) Ear  
b) Rectum  
c) Nose  
d) None of the above