

Roll No.: _____

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

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

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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.