Roll No.: _____ Enrolment No._____

PARUL UNIVERSITY

SCHOOL OF PHARMACY

B.PHARM FIRST SEMESTER

SECOND INTERNAL THEORY EXAMINATION: 2021-22

Subject Name: Pharmaceutics -I
Subject Code: BP103T
Time: 10:00 AM to 11.15 AM

Date: 19-01-2022
Total Marks: 30

Instructions:
1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

Q.2 Long Answers: (Any One)

1) Define "Emulsion". Discuss in brief about formulation of emulsion. 10

2) Define "Ointment". Write a detail note on preparation of ointment. 10

Q.3 Short Answers: (Any Two)

1) Define the term "Suspension".Classify suspension in details. 05
2) What is mixture? Classify different types of mixtures in details. 05
3) Define "Cream". Write in details types of cream. 05

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Q.1 Multiple Choice Questions:

(1) The globule size in emulsion varies from _____diameter. 01

(a) 0.30 to 30 um. (b) 0.25 to 25 um.
(c) 0.35 to 35 um. (d) 0.40 to 40 um.

(2) The fine particle size of solid in suspension give a ____rate of 01

(a) faster, dissolution. (b) slower; dissolution.
(c) slower, disintegration. (d) faster, disintegration.

(3) Bottle method is used for the preparation of emulsion of _____and ____oils. 01

(a) volatile, viscous (b) Non-volatile, viscous
(c) Volatile, non-viscous (d) Non-volatile, Non-viscous.

(4) Fusion method is used when ointment base contains a number of_____of different_____. 01

(a) Liquid ingredient, melting point
(b) Different vehicle, melting point
(c) Formulation, melting point
(d) Solid ingredient, melting point

(5) The concentration of solid particles in the parenteral suspension should be between_____. 01

(a) 1 to 40% (b)1 to 30%
(c) 0.5 to 30% (d) 0.5 to 40%