

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2021

Course: Pharmaceutics I

Semester: I

Program: B. Pharm.

Time: 03 hrs.

Course Code: BP103T

Max. Marks: 75

Instructions: All the sections are compulsory.

SECTION A

S. No.	CO	Question	Marks
		Answer all the questions.	20
1.	CO1	Which government body regulate the pharmacy education in India? A. Pharmacy Council of India B. Medical Council of India C. Drug Technical Advisory Board D. Para-medical Council of India	1
2.	CO1	Refill is a part of prescription that deals with..... A. Rx B. Instructions to the pharmacist C. Instructions to the patient D. Instructions for renewal of prescription	1
3.	CO1	One quart = _____ Fluid ounces A. 20 B. 40 C. 60 D. 80	1
4.	CO1	Which of the following factor does not affect the dose of the drug to be prescribed to the patient? A. Age B. Body surface area C. Name of the drug D. Route of administration	1
5.	CO2	For the preparation of elixirs, _____ type of vehicles is generally used. A. Water for injection B. Hydroalcoholic C. Simple syrup D. Aromatic water	1
6.	CO2	Freezing point depression method is used for calculations required for A. Melting point B. Molecular weight C. Isotonicity of the solutions D. Dose of drug for children	1
7.	CO2	Powders that absorb atmospheric moisture and transform to a damp mass are known as _____. A. Deliquescent powders B. Effervescent powders C. Eutectic mixtures D. Hygroscopic powders	1
8.	CO2	Bentonite is used as suspending agent. A. True B. False	1
9.	CO3	Give one example each of natural and synthetic emulsifier.	1
10.	CO3	Rate of sedimentation is governed by.... A. Noyes-Whitney Equation B. Stoke's Law C. Newton's Law of gravity D. Fick's Law of diffusion	1
11.	CO3	"Liniments are applied topically with rubbing action". A. True B. False	1

4.	CO5	Describe the ideal properties of bases used for the formulation of semi-solid dosage forms.	5
5.	CO3	Explain the wet gum method for emulsion preparation.	5
6.	CO2	Why menthol and thymol packaged separately for eutectic mixtures?	5
7.	CO5	Enlist the different methods used for preparation of ointments. Explain any one of them in detail.	1+4
8.	CO3	Enlist the instabilities observed in emulsions. Describe in detail any two of them.	1+4
9.	CO4	Define suppository and describe any two bases used for preparation of suppositories.	1+4
		Total	75