Enrollment No: _____ Exam Seat No:_____

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name: Dispensing Pharmacy-I
Subject Code: 4PS06DPH1 **Branch :**B.Pharm
Semester : 6 **Date : 25/04/2018** **Time : 02:30 To 05:30** **Marks :**70

Instructions:

(1) Use of Programmable calculator & any other electronic instrument is prohibited.
(2) Instructions written on main answer book are strictly to be obeyed.
(3) Draw neat diagrams and figures (if necessary) at right places.
(4) Assume suitable data if needed.

Q-1 **Attempt the following questions:** **(14)**

a)	Define dispensing.	(1)
b)	Define prescription.	(1)
c)	Define posology.	(1)
d)	Convert the Auristille (Latin terms and abbreviations) into English	(1)
e)	Convert the Bis in die (Latin terms and abbreviations) into English	(1)
f)	Convert the Sumendus (Latin terms and abbreviations) into English	(1)
g)	Convert the Primo mane (Latin terms and abbreviations) into English	(1)
h)	Define elixirs.	(1)
i)	Define gargle.	(1)
j)	Define draught.	(1)
k)	Define displacement value.	(1)
l)	Define mixture.	(1)
m)	Define tablet.	(1)
n)	Define pessaries.	(1)

Attempt any four questions from Q-2 to Q-8

Q-2 **(14)**

a	Describe the various parts of prescription.	(7)
b	Explain various types of mixtures with example.	(7)

Q-3 **(14)**

a	Write the various factors which influence the dose of a medicine.	(7)
b	Discuss the various sources of error while dispensing a prescription. How are these errors rectified?	(7)

Q-4 **(14)**

a	Describe any one mechanisms of therapeutic incompatibility with suitable example.	(7)
b	Write the instability of emulsion.	(7)

Q-5			**(14)**
	a	Explain the various types of chemical changes during chemical incompatibility.	(7)
	b	Write a note on Mandl's paint.	(7)
Q-6			**(14)**
	a	Describe the various types of suppositories.	(7)
	b	Calculate the displacement value of zinc oxide in cocoa butter suppositories containing 40% of zinc oxide and is prepared in a 1g mould. The weight of 8 suppositories is 11.74g.	(7)
Q-7			**(14)**
	a	Write the difference between flocculated and deflocculated suspension.	(7)
	b	Calculate the quantity of potassium permanganate require to prepare 1 pint of 1 in 600 solution.	(7)
Q-8			**(14)**
	a	Write the various identification tests for emulsion.	(7)
	b	Calculate the volume of each of 90%, 60%, 30% and water required to produce 500 ml of 50 % alcohol.	(7)