# C.U.SHAH UNIVERSITY Summer Examination-2019 

Subject Name: Dispensing Pharmacy-I

Subject Code: 4PS06DPH1
Semester : 6 Date :20/04/2019

Branch :B.Pharm
Time : 10:30 To 01:30

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.

Attempt the following questions:
a) Define the term 'Nuclear Pharmacy'.
b) Define the term 'Retail Pharmacy'.
c) Define the term 'Registered Medical Practitioner'.
d) Convert the Nebula (Latin terms) into English
e) Convert the Utendus (Latin terms) into English
f) Convert the Bis in die (Latin terms) into English
g) Convert the Omni hora (Latin terms) into English
h) Define the term 'Linctus'.
i) Define the term 'Mouthwash'.
j) Define the term 'Liniment'.
k) Define the term 'Dentifrice'.
l) Define the term 'Emulsion'.
m) Define the term 'Capsule'.
n) Define the term 'Incompatibility'.

## Attempt any four questions from $\mathbf{Q}-2$ to $\mathbf{Q - 8}$

## Q-2

a Define the term Prescription. Explain the various parts of Prescription.
b Explain in detail the mixtures containing indiffusible solids with suitable example.
a Explain the term Tolerance, Idiosyncrasy and Accumulation with example.
b Discuss the various sources of error while dispensing a prescription. How are these errors rectified?

Q-4
a Describe physical incompatibility with suitable example.
b Describe the problem associated with emulsion and methods to overcome it.

## Q-5

a Explain the various types of chemical changes during chemical incompatibility.
b Write a note on powders enclosed in cachets.
Q-6
a Discuss the various methods to calculate the dose of a child.
b Prepare 8 oz of a solution so that two teaspoonful diluted to a quart will make 1 in 5000 solution.
a Write difference between ointment and paste.
b Calculate the quantity of potassium permanganate require to prepare 1 pint of 1 in 600 solution.
a Write a note on cold compression method for manufacturing of suppositories.
b Calculate the volume of each of $80 \%, 60 \%, 20 \%$ and water are required to produce 600 ml of $50 \%$ alcohol.


