WELCOME

TO



This is an Education Platform

We provide Free PDF Notes and Videos Classes for Pharmacy Students

Web Site http://www.fdspharmacy.in/

You tube https://www.youtube.com/channel/UC77iEsiuZolU4pB8WAJIR5Q

What app https://chat.whatsapp.com/IzSgXtFEvhS4LN5xhUgq5z

Telegram https://t.me/+cvxm17xSloA4MjVl

Face book https://www.facebook.com/Fdspharmacy-105764311994440/

E-mail fdspharmacyinfo@gmail.com

Diploma in Pharmacy 1st Year
Pharmaceutics
Experiment

How to handle and refer the official " Indian Pharmacopoeia " for retrieving formulas and procedures.

Aim:

How to handle and refer the official " Indian Pharmacopoeia " for retrieving formulas and procedures.

Reference :

"Seth A.K" "A text book of Pharmaceutics - I " Published by [medical Publisher] S.Vikas and Company edition 2017 pg no 1 - 4

Requirment :

The name of the book which has required for this experiment is " Indian Pharmacopoeia "

Theory :

The term Pharmacopoeia comes from Greek words

Pharmacon meaning '**Drug**'

Poiein meaning '**make** '

It can be defined as any receipe or formula and the standard required for making or preparing a drug

The " Indian Pharmacopoeia " is the legally recognised book of standard for quality of drug substance and preparation includes there in

It also known as ' Compendia '

S.No.	Editions	Year	Supplements
1	First Edition	1955	1960
2	Second Edition	1966	1975
3	Third Edition	1985	1989,1991
4	Fourth Edition	1996	2000,2002,2005
5	Fifth Edition	2007	2008
6	Sixth Edition	2010	2012
7	Seventh Edition	2014	2015,2016
8	Eighth Edition	2018	2019

Procedure

- ❖ First go to the library and pick the ‘ Indian Pharmacopoeia ‘ according to the Edition & Volume
- ❖ After Searching I found that the contents of ‘ Indian Pharmacopoeia ‘ are mainly classified into three section

1st General Notices

This section provides the basic guidelines for interpretation and application of standard , tests , assay & other specifications of the Pharmacopoeia of India

- **A Title :** The full title of the book , Supplement . It is abbreviated as Indian Pharmacopoeia
- **Capital letters in the text :-** The name of the pharmacopoeia drugs, preparations & Process Accuring in the text of the Pharmacopoeia are in printed with intial letter in capital and this indicate that material of pharmacopoeial quality must be used
  Examples :- Sodium Chloride in water for Injection
- **Italics :-** Italics types have been used for the systematics names of plants & microorganisms and for some sub-heading & Some parts of the chemical names
  Examples :- *Mercuric Sulphate Solution*
- **Official & Official Articles :-** The Word official means Pharmacopoeial if Indian Pharmacopoeia is written on the label it , It shows that the articals purport to comply with Indian Pharmacopoeia Standarts
- **Added Substance :-** A official drug substance contain no added substance accept where nspecially permitted in the individual monograph The name & amount of any such substance are mention on the label
  Expression of Strength :- Percent W/W
  Percent W/V
  Percent V/V
  Percent V/W

2nd Monograph

It means written study material of any subject
Pharmacopoeial monograph mentioned in Indian Pharmacopoeia provides following information about the drugs & other compounds

- Main title :- name of Drug
- Synonyms :- Common name of drug
- Chemical formula & molecular weight :-
- Category :-
- Doses :- Paracetomol ' 500 mg '
- Description :- Physical & Chemical Properties
  Solubility
  Standards
  Identification
  Test for purity
  Assay methods
  Storage

3rd Appendics

This is the last comprehsensive section of pharmacopoeia.
It comprises 123 appendics contain different information In which 15 are main

- Appendices 1st :- Details of various biological test & assays
- Appendices 2nd :- Details of chemical test & assays
- Appendices 3rd :- Details of chormatography & electrophorisis
- Appendices 4th :- Details of spectrophtometry
- Appendices 5th :- Details od clarity & color of solution

Result :

I issued the Indian Pharmacopoeia 1996 from Libarary and read carefully the important points about certain drugs it was found that there were so many monographs in I.P.