K K WAGH COLLEGE OF PHARMACY
(B. Pharmacy & D. Pharmacy)
Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik - 422003 (Maharashtra) India.
☎: 0253 - 2221121, 2221122, 2517003, 2510262 Web : www.pharmacy.kkwagh.edu.in
Email: principal-bpharmacy@kkwagh.edu.in, disp-bpharmacy@kkwagh.edu.in
Accredited with NAAC "A" Grade
(Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, MSBTE, Mumbai & Approved by PCI)

1.1.2

The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

1.1 Curriculum Planning

1.1.2 - *The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)*

Sr. No.	Mode of Continuous Internal Evaluation
A.	Open Book Test
B.	Assignment
C.	Multiple Choice Question (Quiz, Puzzles, Crossword)
D.	Seminars
E.	Sample Mark List

K K WAGH COLLEGE OF PHARMACY NASHIK-3

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1.1.2

A- OPEN BOOK TEST

Continuous Assessment

A.Y. 2023-2024

OPEN BOOK TEST

05/05

Name:Shruti Sanjay Mindhe

PRN: 2254501823087

Roll Number: 83

Subject: Pharmaceutical Organic Chemistry-II

Subject Code: BP301T

Day & Date of Exam: Monday, 23/10/2023

Class: Second Year B. Pharmacy

Semester: III

Total Marks- 05

Open Book Test

- Answer the following question :

Q.1. Explain in detail Nitration of benzene

Ans: Benzene undergo electrophilic aromatic substitution. Electron clouds below and above the aromatic ring shield it from the nucleophilic attack, but it is prone to electrophilic attack.

Nitration of benzene is one of the electrophilic aromatic substitution reaction are as follow:

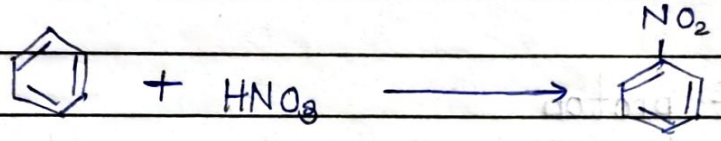
- Nitration :
  - Definition :
    - The electrophilic substitution reaction between benzene and nitric acid
    - The displacement of aromatic hydrogen of benzene (Ar-H) by Nitro group (NO_2^+).
  - Various Nitrating agents
    1. HNO_3
    2. HNO_3 and H_2SO_4
    3. Fuming HNO_3 in conc H_2SO_4
    4. Fuming HNO_3 in fuming H_2SO_4
    5. $RCONO_2$ (Acyl Nitrate)
    6. Nitratium salt
    7. (N_2O_5) Nitronium pentoxide in CCl_4
  - Principle of Nitration of benzene.
    - Nitration is an example of electrophile aromatic substitution. In this reaction one or more hydrogen atoms on the benzene ring are replaced by a nitro group NO_2.

- The reaction is carried out by heating benzene with a mixture of concentrated nitric acid and concentrated sulphuric acid at a temperature not exceeding 50°c. The mixture is held at this temperature for about half an hour.

▫ General Reaction :

$$C_6H_6 + HNO_3 \longrightarrow C_6H_5NO_2 + H_2O$$

OR.



Benzene Nitric acid Nitrobenzene water.

▫ Mechanism :

1. Step : 01.

Formation of the electrophile

- Nitronium ion is release in reaction between nitric acid and sulphuric acid.

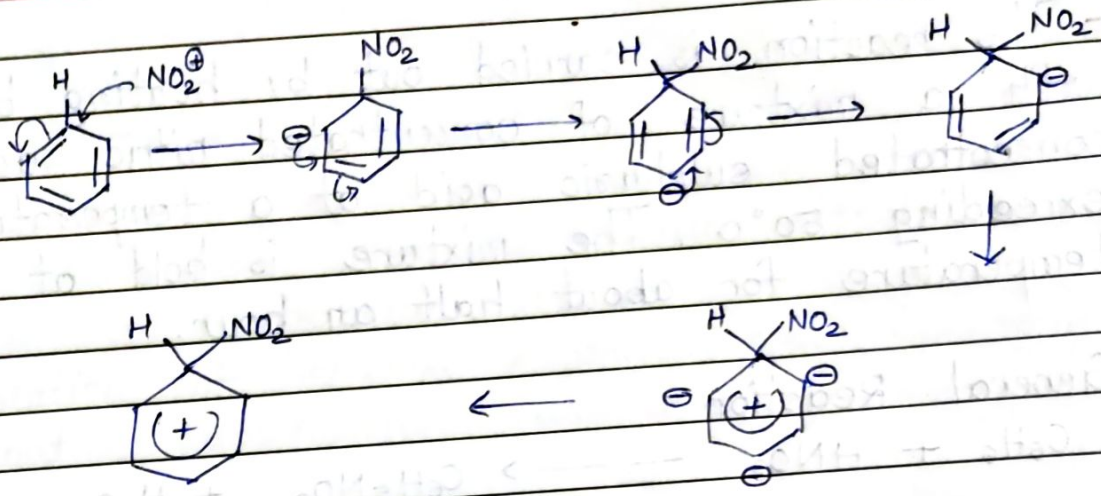
$$HNO_3 + 2H_2SO_4 \longrightarrow NO_2^{\oplus} + 2HSO_4^{\ominus} + H_3O^{\oplus}$$

Nitric acid — Sulphuric acid — Nitronium ion.

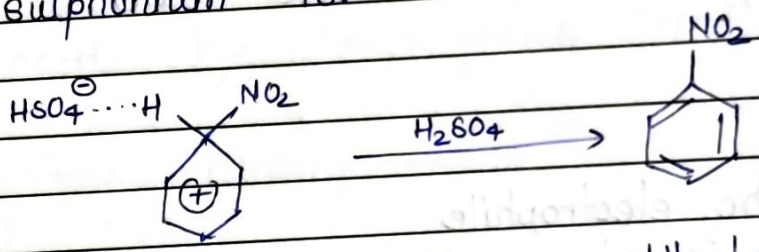
2. Step : 02.

Attack of electrophile on benzene ring.

- The nitronium ion ($NO_2^{\oplus}$) attack on benzene ring.
- Benzene ring undergo resonance.



3. Step : 03
- Abstraction of proton
- Hydrogen ion is abstract of benzene by sulphonium ion



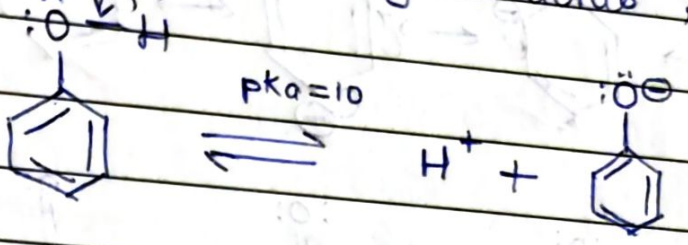
Nitrobenzene.

Hence, Nitrobenzene is form by Nitration of benzene

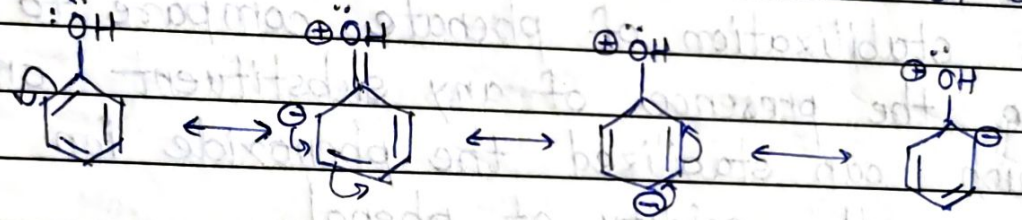
Q.2. Explain the Acidity of phenol along with the effect of a substituent.

Ans: Acidity of phenol :
- Compare to alcohols, phenols are stronger acid as the pka value for phenol is 10 while for alcohol it's close to 16.
- Because of acidic nature, phenols can turn blue litmus red and react with aqueous alkali to form phenate. Both reactions are not shown by alcohols.

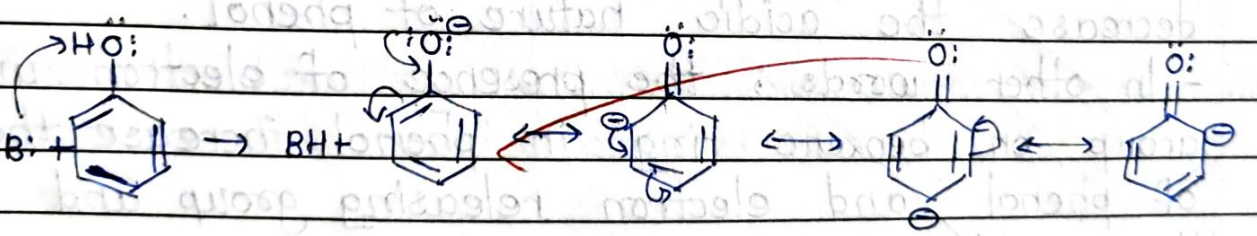
Compare to carboxylic acids, phenols are weaker acid.



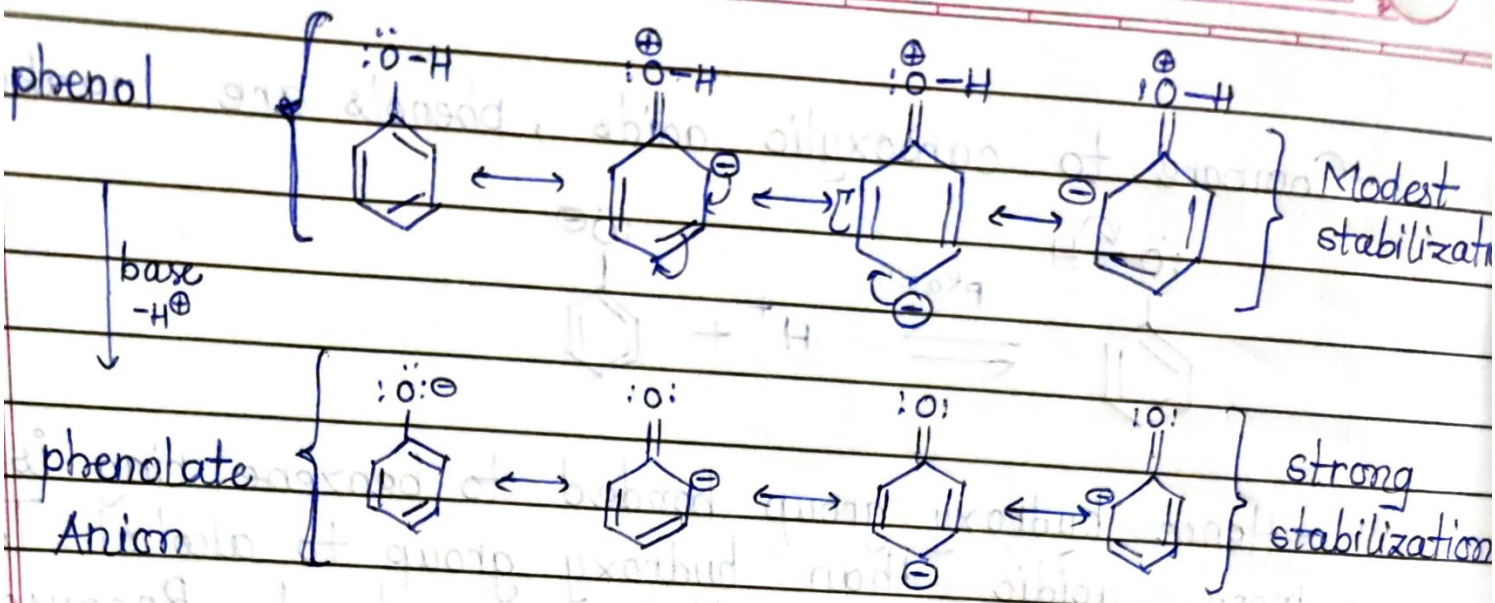
- Hence hydroxy group bonded to benzene ring is much more acidic than hydroxy group to alcohol. This is because of the resonance in phenol. Because of the resonance in phenol, the oxygen atom acquires a positive charge with weakens the oxygen-hydrogen bond and facilitates the release of a proton.



- The deprotonation of phenol forms phenoxide ion or phenate which also exists as a resonance



- Hence both phenol and phenoxide ion are stabilized by resonance.
- Compare to phenol, phenoxide ion is more stable as the negative charge gets delocalized over benzene ring.
- But the resonating structure of phenol involves the separation of negative and positive charges.
- Therefore phenol has greater tendency to form phenate by releasing the proton.



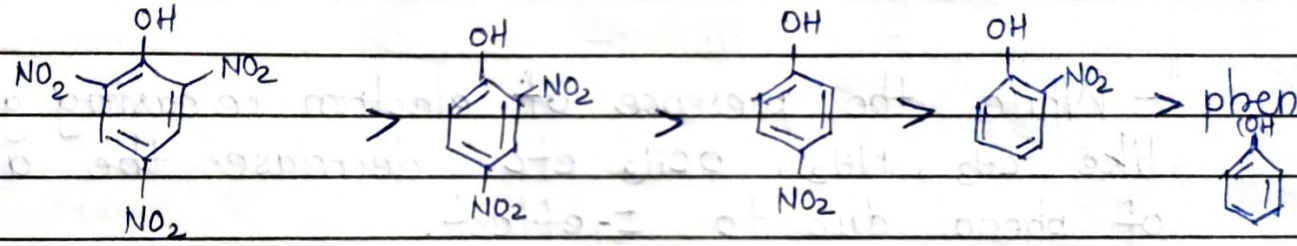
Effect of substituent on Acidity of phenol.

- As the acidic nature of phenol is due to the resonance stabilization of phenate compare to phenol.
- Therefore the presence of any substituent on aromatic ring which can stabilized the phenoxide ion will tend to increases the acidity of phenol.
- While any substituent which destabilized the phenate ion by increasing the negative charge will decrease the acidic nature of phenol.
- In other words; the presence of electron withdrawing group on benzene ring in phenol increase the acidity of phenol and electron releasing group and decrease the acidity

-e.g.

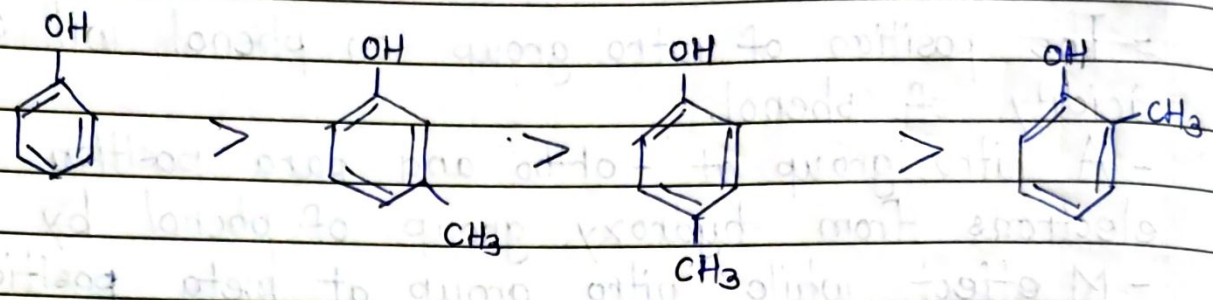
If there is nitro group ($-NO_2$) substituted on phenol it will increase the acidic nature of phenol. Hence nitrophenol will be more acidic than phenol as nitro group imparts the negative mesomeric effect and negative inductive effect, hence acts as electron withdrawing group.

- The position of nitro group on phenol will affect the acidity of phenol.
- A nitro group at -ortho and para position withdraws electrons from hydroxy group of phenol by stronger -M effect while nitro group at meta position withdraws electrons by weaker I effect only as meta position cannot involve in resonance with hydroxy group.
Hence o- and p- nitrophenols are more acidic than m- nitrophenol.



2,4,6-trinitro phenol > 2,4-dinitrophenol > 4-Nitro phenol > 2-Nitro phenol > phenol

- Electron donating groups like amino (-NH2), alkyl (-R) decrease the acidity of phenol.
e.g.
Cresol or methylphenols are less acidic compare to phenol due to positive inductive effect as well as hyperconjugation of methyl group. As both of these effects increases the electron density on hydroxy group and results in low acidity of phenols.
- Hyperconjugation can operate only at ortho and para position while inductive effect operates at all the three positions.



phenol m-cresol p-cresol O-cresol

- The presence of electron-withdrawing groups (e.g., NO_2, CN, COOH etc) on the phenol makes it more acidic because of the I-effect.

- While the presence of electron releasing groups like CH_3, NH_2, OCH_3 etc. decrease the acidity of phenol due to I-effect.

Roll No. 62

Name: Sakshi Singh /62 Class II

open book

HDT CAS Assessment.

DATE 20 04 23 Page No. 1

62

09/10

Questions.

1) Prepare a short note on pest & pest control method
2) Write principle of Unani system of medicine
3) Define Bhasma. Enlist evaluation parameter of it.
4) Define Natriceuticals as per dr. stiffon's as well as American association of pharmaceuticals. Enlist different
5) ~~c~~ class of neutraceuticals with examples

→ Answers:

Ans 1. Pest are undesirable plant or animal species that cause a great damage to the plants. There are different types of pests they are:

(i) Microbes
(ii) Insects
(iii) Non insects pest
(iv) Weeds

(i) Microbes :

These class of pests mainly have fungi bacteria & viruses. Some of them mentioned are:

Disease & symptoms	Caused by
(1) Armillaria Root Rot. → The plants becomes unproductive & weak with 2-4 yrs. Rhizomorphs are formed after symptoms develop.	Fungi Armil-laria mellea (Marasmiaceae)
(2) Powdery mildew Chlorotic spots on the upper surface of leaf. Pathogens appear as white powdery masses.	Fungus Uncinula necato

Disease & symptoms	Caused by
(3) Summer Bunch Rot Shows presences of masses of Black, brown, green spores which develops on the surface of infected berries	Aspergillus niger Alternaria tenuis Botrytis cinerea Rhizopus arrhizus
(4) Crown Galls disease Gall may form on the trunk roots & cordons	Bacteria Agrobacterium tumefaciens

Controlling Techniques:
Chemical fumigation of the soil, fungicide, bactericide
pruning proper water & fertilization management
good sanitization heat treatment of planting stock
cut and remove the infected parts

(ii) INSECTS:

- Ants & there different varieties, Argentine ant: Linepithema humile, Gray Ant: Formica areata & Formica pergilosa, Pavement Ant: Tetramorium caespitum, spoil the soil by making nest & they feed honey dew secreted in plants
- Oak twig pruners (Anelaphis spp Linsley) are known as shoot, twig and root insects that affects the above mentioned parts.

Controlling Technique:
Tilling the soil will also affect the nesting sites of ants & help to reduce their populations, creating a situation to compete among males for mating with females, cutworms can be prevent

14/3/2024

PAGE NO. :
DATE : / /

Continuous Assessment - I

- Name :- Pratiksha Ravindra Malpure
- Class :- T.Y. B.Pharm
- Roll no :- 17
- Subject :- Herbal Drug & Technology
- PRN no :- 2154501823022

Q.1] Write a note on :-
1) Organic Farming
2) Biopesticizers

Q.2] Give a brief on Homeopathy System of Medicine.

* Answers *

Q.1] 1) Organic Farming :-

- It is the method of agricultural production which avoids the use of Synthetic products like Fertilizers, pesticides, growth regulators and livestock feed activities.

- It was began early in 20th Centuray, primarily in Europe and united states.

- Organic Farming works in harmony with nature which involves using techniques to achieve good crop yeild without harming natural enviroment /people who live and work around them.

- Also defined as Farming System which primarily aims at cultivating land for raising crops in such a way so as to keep the soil alive and

in good health by use of organic waste

- Food and agriculture Organisation (FAO) defines it as in unique production management system which promotes and enhances agro-ecosystem health, including, biodiversity, biological cycles and soil biological activity. This is acomplised by using on farm agronomic biological and mechanica methods in exclusion of all synthesis OFF-farms inputs.

- Principles:
  - The entire system is based on intimate understanding of nature's ways
  - The soil in its system is a living entity.
  - The total environment of soil, from soil struc to soil cover is more important.
  - Nature is best role modes for farming, since it does not use any inputs nor demand unreasable quantities of water.

* Need of organic Farming:
  - Chemical Fertilisers & heribicides are easily washed from soil & pollute rivers, lakes & water courses.
  - Greater amount of chemicals are needed every year to produce same yeild of crops.

- Prolonged use of chemicals results in soil with a low organic matter content which is easily eroded by wind & rain.

To avoid all these organic Farming is needed.

* Types of organic matter / Fertilizers :-

1) Compost :- Organic matter which has degraded by action of bacteria & other organisms over a period of time.

2) Green manures :-
Grown to improve structure, organic matter content and nutrient content by soil.

3) Blood Meal :-
Excellent Source of nitrogen.

4) Bone Meal :-
Applied at bottom of plants in holes of bulbs, ~~for~~ shrubs, etc.

5) Fish Meal :-
To Feed Container - grown plants after every 2 weeks.

6) Poultry Manure :-
N, P, K are used everywhere in ~~ggo~~ agri, Floriculture & green houses.

* Advantages

- Organic Fertilisers are made from naturally occuring Sources.
- Increases long term soil- Fertility.
- Lower amt of green house gases that are release -ed into atmosphere.
- Nutrients are released only when media is warm & moist.

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2) Biopesticides

- Biopesticides are pesticides derived from natura materials such as animals, plants, bacteria and Certain minerals.
- Biopesticides also include naturally occuring Substance that control pests & micro-organism that control pests.
- The grandfather of charles Darwin, Erasmus Darwin in 1800 predicted use of natural predators to minimize pests in his book philosphy of agriculture and gardening. But imp of biopesticides was realised in early 20th Century.
- Uncontrolled & unscientific use of chemical pesticides has lead disaster and has created

Several problems as :-

- Insecticidal resistance
- Resurgence of sec-pests.
- Environmental pollution.

Thus, agricultural Scientist were after some alternatives & ultimate Solution was biopesticides.

- Examples :-

1) Bacillus Subtilis
2) Gliocladium spp.
3) Psedomonas spp.
4) S. lydicus, etc.

- Advantages

1) Completely non-toxic to plants, thus increase chlorophyll protein in plants.
2) Safe to handle, store, transport & spray.
3) Do not affect Soil Fertility.
4) Non-toxic to humans and can be spread in Habited areas.
5) Biodegreadable and do not retain any residue / toxins.

PAGE NO.:
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Q.2] Homeopathy System OF medicine:-

→ In Comparison to other traditional Systems, Homeopathy is a newer one & has been developed in 18th Century by Somercel Hahnmann - German physician & chemist.

- Henmann put Fourth Law OF Similars which Says that "Like cure like" i.e. Similae Similibus Curentur". which Says that like cause OF disease itself can be used for its treatment.

- Henmann Complied all these observations in what is called "Organon OF Medicine".

• Basic principles involves:-

1) Law OF Similia:-
Like Cure like.

2) Law OF Simplex:
As per this law, drugs are administered in minimum quality, drug should be prescribed a particular time.

- Simple Form, without addition OF any substance.

3) Law OF Minimum
- Drug administered in minimum quatity because OF hypersensitivity to disease.

PAGE NO.:
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Medicine are required to min. amt. only be Stimulate reac^ within body.

4) Drug Dynamisation & potentation

- Disturbance / Deviation in normal harmonious flow of dynamic life forces termed as disease.

5) Vital Force.

For health restoration disordered vital force should be normalised.

- Diagnosis
  - physical Evaluation
  - pulse rate determination
  - Urine and stool determination.

- Treatment

During the treatment the drug extract extremely diluted, which is belived to cause potention & enhancement of curative effect.

Drug are extracted in form of mother tincture which is further diluted in terms of decimal / Contesimal potencies.

- Plants used in Homeopathy:

1) Vegetable Drugs :- Belladona, Marigold, Hypericum, Opium, Nux Vomica, Ergot, etc.

2) Animal drug :- Honeybees, Calcium Carbonate, Cantharis.

3) Minerals & Metals :- Arsenic oxide, Barium Carbonate, Antimony + artartate Copper, sulphur, etc.

- Reference :-

Gokhale kokate ; Textbook OF pharmacognosy.

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1.1.2

B- ASSIGNMENTS

K. K. Wagh Education Society's

K. K. Wagh College of Pharmacy

Continuous Assessment A.Y. 2023-24

SUBJECT: Pharmacology-II
SUB CODE: BP503T
YEAR: Third Year B. Pharmacy (Semester-V)

DATE: 07/10/2023
MARKS: 05
TIME: 30 min

Instructions: - 1) All questions are compulsory.
2) Figure to right indicates full marks.

Assignment

1. Explain in detail Diuretics and anti-diuretics.

Nilambh
K.P. Mahajan

K. K. WAGH COLLEGE OF PHARMACY
NASHIK-3

Saturday

CAS-II

07/10/23

Name: Patil Vaishnavi Shriram
Class: T.Y.B. Pharmacy (I)
PRN: 2154501829004
Roll No: 64
Subject: Pharmacology-II
Date: 07/10/2023

Q.1) Explain in detail diuretics & Antidiuretics:

- Diuretics: These are drugs which increase rate of urine formation by acting directly on kidney cause a net loss of solute ($NaCl$) along with equal volume of water by interfering with transport mechanism responsible for reabsorption of solute from various parts of Nephron.

- Uses: To treat edema
  - Cardiovascular / metabolic disorder
  - Reduction of excess salts in body
  - CHF patient / Hypertension treatment

- Nephron:
  It is structural & functional unit of kidney

Parts of Nephron:
Part I - Proximal convoluted Tubule
Part II - Descending loop of Henle
Part III - Ascending loop of Henle
Part III - Distal convoluted Tubule
Part V - Collecting Duct

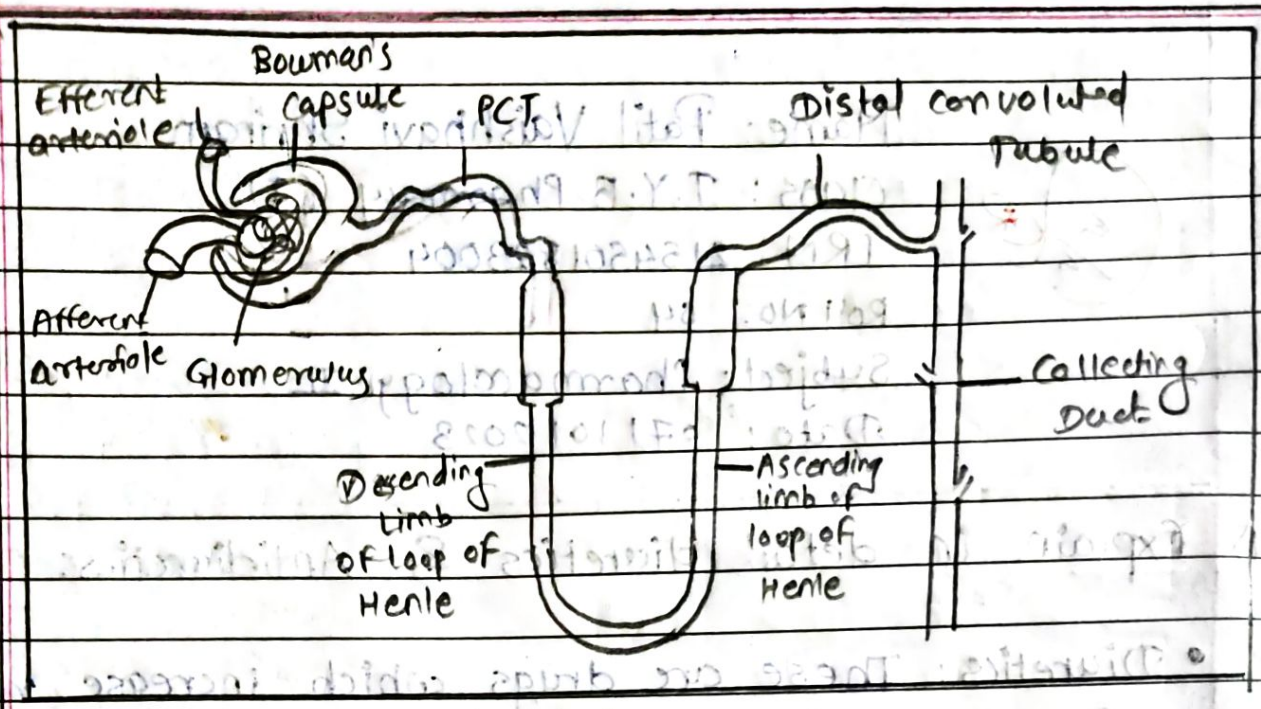


fig. Nephron

Classification of Diuretics :

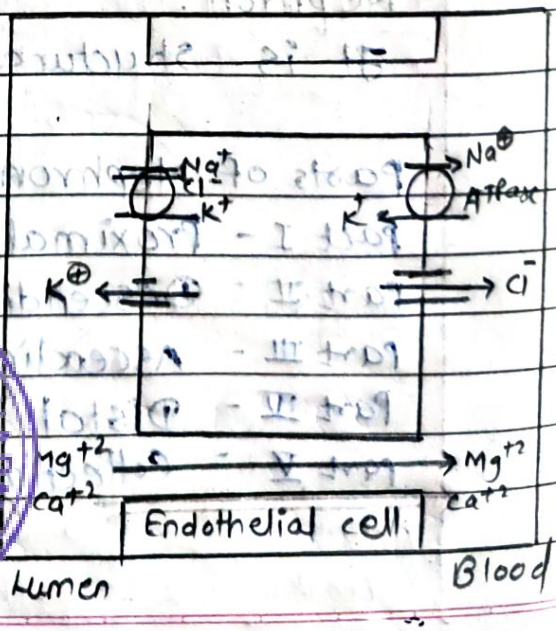
1) Loop Diuretic
2) Thiazide Diuretic
3) Carbonic anhydrase Inhibitors
4) Osmotic Diuretics
5) Potassium sparing Diuretics
6) Methylxanthene

1) Loop Diuretics :

These are also called as High ceiling Diuretics.

- They have great diuretic effect.

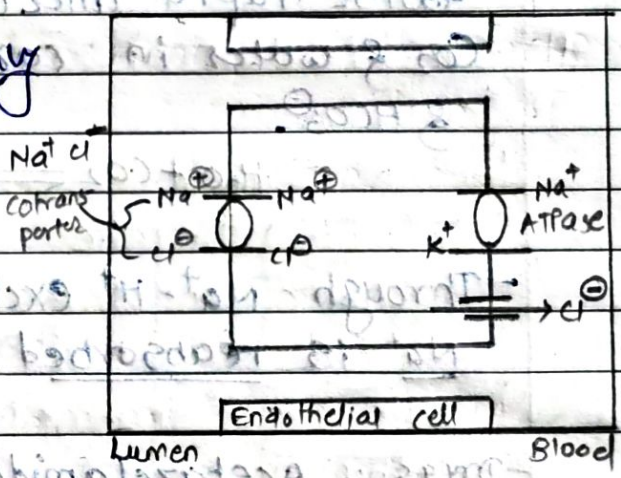
- Main site of action is Thick ascending limb of Loop of Henle



MOA: Inhibits the reabsorptn of NaCl & Loop diuretics binds to $Na^+/K^+/2Cl^-$ cotransporter complex at luminal border of thick ALH.
- Inhibits Cl^- reabsorption.
- K^+ reabsorption & secretion of Mg^{+2}, Ca^{+2} into blood through paracellular reabsorptn.

Drugs: furosemide (20-40 mg, 0.5-2mg/kg [I.V])
Ethacrynic acid
Torsemide

2) Thiazide Diuretic:
- These are most commonly prescribed drug having weak diuretic effect (weak efficacy)
- Main site of action: DCT (Distal convoluted Tubule)



MOA: These are structurally related to sulphonamide. They acts at luminal surface of proximal diluting segment of DCT by inhibition of Na^+ / Cl^- cotransporter.

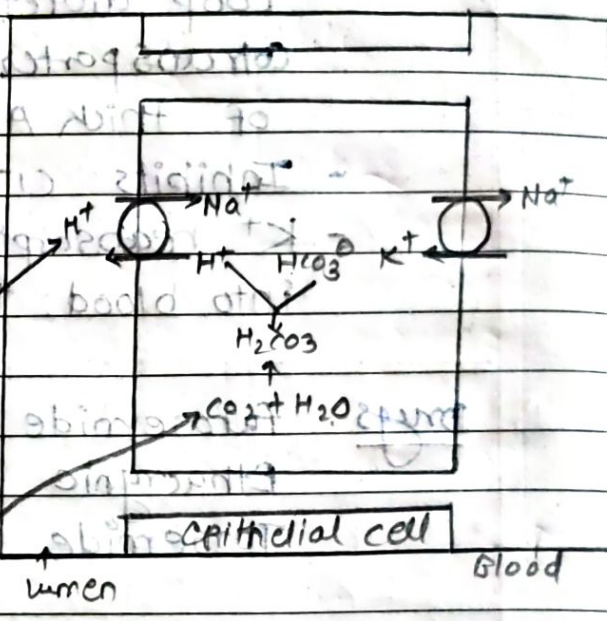
Drugs: Chlorthiazide - 250 to 1000 mg
Hydrochlorthiazide - 25 to 100 mg
Metolazone

Adverse effect: Diabetes
Dyslipidemia

3) Carbonic Anhydrase Inhibitor:

- These are also weak efficaceous diuretics.

- Main site of action: (PCT) Proximal convoluted Tubule.



- MOA: Carbonic anhydrase enzyme assist rapid inter conversion of CO_2 & water in carbonic acid (H_2CO_3), protons & $HCO_3^{\ominus}$.

$$H_2O + CO_2 \rightleftharpoons H_2CO_3 \rightleftharpoons H^+ + HCO_3^{\ominus}$$

- Through Na^+-H^+ exchange channel, H^+ secreted out Na^+ is reabsorbed. $HCO_3^{\ominus}$ reabsorbed.

- Drugs: Acetazolamide (250-500mg)
  Methazolamide (50-100mg)

- Adverse effects: Neuropathy, Metabolic acidosis, Hypokalemia

4) Osmotic Diuretics:

Main site of Action => PCT & Loop of Henle

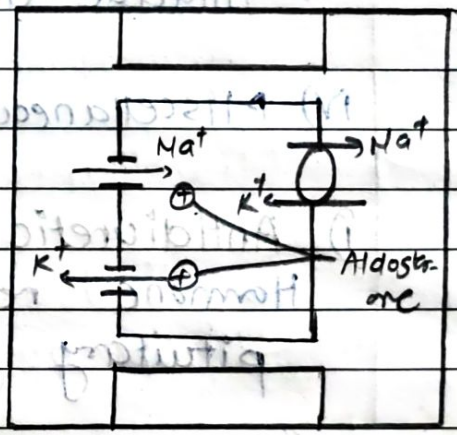
- MOA: Inhibition of Na^+ & H_2O reabsorpt

Effects: Limiting - passive tubular reabsorption
Initially causes expansion of plasma volume.
- Don't inhibit Na^+ reabsorption so mostly used in glaucoma & acute kidney failure.

Drugs: Mannitol [50-100 g (I.V.)]
Urea (Sterile) ⇒ 40-120 g (I.V)
Isosorbide ⇒ (1-3 g/kg)
Glycerol

5) Potassium sparing Diuretics:

-Main site of Action: Collecting duct -



-MOA: Inhibition of Na^+ reabsorption & K^+ secretion.

-Effects: These are from mild diuretics & limiting K^+ loss.
- Acts at late distal convoluted Tubule & cortical collecting duct.
i) Aldosterone antagonist
ii) Na^+/ Cl inhibitor

-Drugs: Amiloride (50-100 mg)
spironolactone (25-100 mg)
eplerenone.

6) Methylxanthene: — Inhibit of tubular fluid reabsorption along renal proximal tubule
eg. Theophylline
Aminophylline

Anti-Diuretics:
These are drugs which decrease urine output by decreasing H_2O elimination.

- Classification:

i) Antidiuretic Hormone - Vasopressin

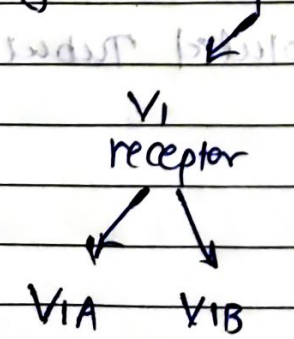
ii) Vasopressin analogues - Desmopressin

iii) Thiazide diuretics - Chlorthiazide

iv) Miscellaneous - Carbamazepine

i) Antidiuretic Hormone:
Hormone released by the posterior lobe of pituitary gland along with oxytocin.

eg. Vasopressin



MOA :- Gprotein coupled receptor bind to ADH

↓

Activation of Hormone receptor complex

↓

Activation of G-protein receptor

↓

Activation of cyclic Amp

↓

cyclic AMP convert ATP → ADP

↓

cyclic AMP form protein kinase

↙ ↘

Active pK — Inactive pK

↓ (Active pK)

form aquaprotin

↓

Reabsorbed H_2O

↓

Urine flowe ↓se

↓

Reabsorpn ↑se

2) Vasopressin analogue

- Action similar as vasopressin

drugs ⇒ Desmopressin
Terlipressin
Lypressin

3) Thiazide: Drugs decrease rate of glomerular filtration

→ In case of Diabetes incipedus

↑urine ↓H2O reabsorpm Thiazide

↓urine ↓Na+ or reabsorpm

↑

↓Filtration ↓Blood volm → sense by kidney

↑ ↓

↓GFR ← vasoconstriction ← Activates RAAS

4) Miscellaneous:

eg. Indomethacin
Chloropropamide

MOA: Use polyurea cause decrease in urine flow.

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(B. Pharmacy & D. Pharmacy)
Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik - 422003 (Maharashtra) India.
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Email: principal-bpharmacy@kkwagh.edu.in, disp-bpharmacy@kkwagh.edu.in
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1.1.2

C- Multiple Choice Question (Quiz, Puzzles, Crossword)

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(16)

Continuous Assessment 2023-2024

Subject: Pharmaceutical Organic Chemistry-II **Subject Code:** BP301T

Day & Date of Exam: Tuesday, 12/12/2023

Class: Second Year B. Pharmacy **Semester:** III

PRN-2251501823017 **Total Marks-** 05

4½
5

Multiple Choice Questions

Q. No.	Question	Correct Answer
1	Anthracene undergoes electrophilic substitution reactions mainly at____ A. C-1 B. C-2 C. C-9 D. C1 & C-2	C ✓1
2	Sulphonation of Phenanthrene by reaction with concentrated H_2SO_4 gives____ A. 2 & 3 Phenanthrene sulphonic acid B. 9-Phenathrene sulphonic acid C. 9 & 10 Phenanthrene sulphonic acid D. 10- Phenanthrene sulphonic acid	A ✓1
3	Naphthalene undergoes nitration with HNO_3/H_2SO_4 at 50-60°C to give mainly___ A. 1-nitronaphthalene B. 2-nitronaphthalene C. 1,2-dinitronaphthalene D. 1,8-dinitronaphthalene	A ✓1
4	Cyclopropane on reaction with sodium in dry ether gives____. A. 1,1-dibromopropane B. 1,2- dibromopropane C. 1,3-dibromopropane D. 2,2-dibromopropane	B ✓1
5	Diethyl adipate is converted into cyclopropane by which of the following chemical reaction? A. Dieckmann Reaction B. Simmons – Smith Reaction C. catalytic reduction D. Hydrolysis	A ✓1

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Roll No:- 84.

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HirabaiHaridasVidynagari, Amrutdham, Panchavati, Nashik – 422 003.

Continuous Assessment System

Quiz

08/10

SUBJECT: HDT **SUB CODE:** BP603T

YEAR: Third Year B. Pharmacy (Semester-V) **MARKS:** 10

PRN Number: **Roll Number:**

Q. 1 Choose the correct option. 10

1. Annatto contain Bixin and Norbixin as colouring agent. Which colour gives Norbixin?

A. Orange

B. Yellow

C. Red

D. Green

2. Phospholipids layer enclosing an aqueous core is present in_____.

A. Nanoparticles

B. Matrix

C. Liposomes

D. Microemulsion

3. Which Coloring agent is obtained from Fungi?

A. Cochineal

B. Spirulina

C. Indigo

D. Annatto

4. Bitterness value is determined as per WHO, Which standard is used?

A. Quinine hydrochloride

B. Strychnine

C. Aloin

D. Brucine

5. Term of patent is _____years.

A. 07

B. 20

C. Lifetime of author/artist & 60 years after death

D. 10

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6. _____ICH guidelines of stability testing of New drug substances and products.

A. Q1B

B. Q1A(R2)

C. Q1D

D. Q1C

7. The Central Government constitutes a "Ayurvedic, Siddha and Unani Drugs Technical Advisory Board" under _____ section of the D and C Act.

A. 33C

B. 33D

C. 32C

D. 32D

8. Schedule Z (Proposed) is related to_____.

A. Stability testing of Herbals

B. Standardization of Herbals

C. IPR of Herbals

D. Clinical trials of Herbals

9. Schedule T part –II B Consist of

A. List of machinery, equipment and minimum manufacturing premises for the manufacture of various categories of Ayurvedic, Siddha system medicines

B. List of machinery, equipment and minimum manufacturing premises required for the manufacture of various categories of Unani System of Medicines

C. List of equipment recommended for in house quality control section

D. Good Manufacturing Practices

10. As per Schedule T part –I, raw materials categories to except-

A. Raw material from animal source

B. Excipients

C. Fresh Herbs

D. Steroids

CAS-III Pharmacology-II

MCQS

* Indicates required question

1. Email *

2. Student Name *

3. Roll no. *

4. PRN No. *

MCQ's

5. 1. The accumulation of this substance in the body causes gout. * 1 point

Mark only one oval.

- Blood plasma
- WBC
- Uric acid
- Synovial fluid

9. 5. Leukotrienes are derived from leukocytes and are involved in treatment of * 1 point

Mark only one oval.

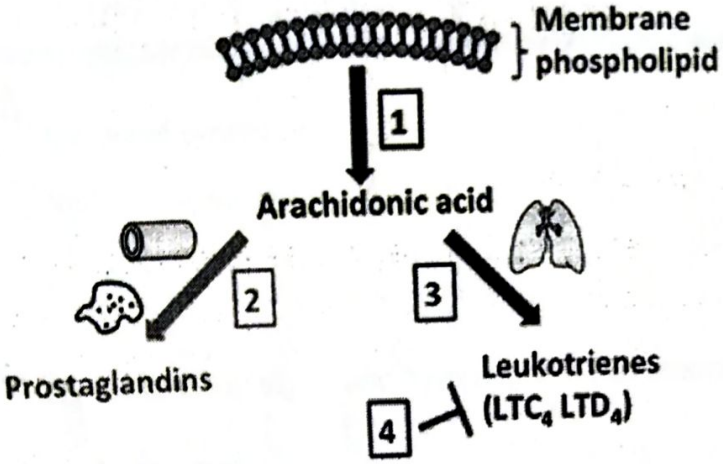
- ◯ Hypersensitivity
- ◯ Asthma
- ◯ Heart attacks
- ◯ all of above

10. 6. What component of the RAAS (renin-angiotensin-aldosterone system) is created and found in the liver that is activated by renin? * 1 point

Mark only one oval.

- ◯ Aldosterone
- ◯ Angiotensin I
- ◯ Angiotensin II
- ◯ Angiotensinogen

11. 7. NSAIDs such as aspirin can produce a type of allergic response in some patients. Which step, if blocked, is responsible for causing this drug allergy? * 1 point



Mark only one oval.

- Step 1
- Step 2
- Step 3
- Step 4

12. 8. Not an action of bradykinin? * 1 point

Mark only one oval.

- Bronchodilation
- Vasodilatation
- Pain
- Increase in vascular permeability

13. 9. Histamine is involved as a mediator in the following pathological condition: * 1 point

Mark only one oval.

- ◯ Delayed hypersensitivity reaction
- ◯ Inflammation
- ◯ Carcinoid syndrome
- ◯ Variant angina

14. 10. What are early signs and symptoms of rheumatoid arthritis (RA)? * 1 point

Mark only one oval.

- ◯ Joint pain, tenderness, redness, and swelling
- ◯ Loss of joint range of motion
- ◯ Limping
- ◯ All

K.K. WAGH COLLEGE OF PHARMACY NASHIK-3

Nikumbh K.P. Mahajan

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1.1.2

D- SEMINARS

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CAS I - Seminars

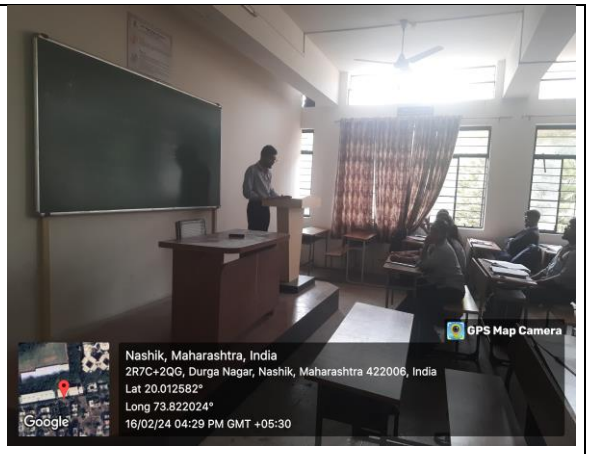
Subject: Biopharmaceutics & Pharmacokinetics (BP604T)
Sem: VI (Third Year B.Pharm)
Date: 16/02/24
Subject Incharge: Dr. A.P.Bedse

Seminar topics:

1. Tissue permeability of drugs

2. in-vitro drug dissolution models,

3. methods to enhance the dissolution rates and bioavailability of poorly soluble drugs.



K K WAGH COLLEGE OF PHARMACY
NASHIK-3

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E- SAMPLE MARK LIST

K. K. WAGH COLLEGE OF PHARMACY, NASHIK

Continuous Assessment Scheme A.Y. 2023-2024	
Subject: Physical Pharmaceutics-I	**Subject Code: BP306T**
Class: Second Year B. Pharmacy	**Semester: III**

Roll No	PRN Number	Name	CAS I by 3	CAS II by 3	CAS III by 3	CAS AVG by 3	Attendance by 4	STI by 3	CAS Total by 10
1	2254501823001	Adhav Adesh Balasaheb	AB	AB	AB	0	1	1	2
2	2254501823002	Agrawal Sarvesh Arvind	3	1	1	2	3	3	8
3	2254501823003	Ahire Neha Subhash	0	1	1	1	3	3	7
4	2254501823004	Bachhav Mayur Balasaheb	1.5	1	1	1	3	3	7
5	2254501823005	Bachhav Om Pravin	2	2	1	2	3	3	8
6	2254501823006	Badade Sumit Babasaheb	1	1	1	1	3	3	7
7	2254501823008	Baviskar Disha Mahesh	0.5	1	2	1	4	4	9
8	2254501823009	Bawaskar Vishwanjali Sangam	2	1	1	1	4	4	9
9	2254501823010	Bhadange Srushti Bhagwan	2	1	2	2	4	4	10
10	2254501823011	Bhadke Abhishek Sukhdeo	2.5	1	2	2	4	4	10
11	2254501823012	Bhalerao Vaibhav Vilas	2	1	1	1	4	4	9
12	2254501823013	Bhalsing Priyanka Subhash	2.5	2	1	2	3	3	8
13	2254501823014	Bhirud Ronak Vijay	2	1	1	1	4	4	9
14	2254501823015	Birari Hemangi Sandip	1.5	1	1	1	4	4	9
15	2254501823016	Bora Sanskruti Dipak	1	1	AB	1	4	4	9
16	2254501823017	Borole Hemali Dilip	0.5	1	1	1	3	3	7
17	2254501823018	Borse Harish Nivrutti	2	1	1	1	3	3	7

K. K. WAGH COLLEGE OF PHARMACY NASHIK-3

Roll No	PRN Number	Name	CAS I by 3	CAS II by 3	CAS III by 3	CAS AVG by 3	Attendance by 4	STI by 3	CAS Total by 10
18	2254501823019	Chaudhari Sakshi Jayesh	2	2	2	2	3	3	8
19	2254501823020	Chandan Krushna Kailas	2	AB	AB	1	1	1	3
20	2254501823021	Chandgude Priti Ravindra	1	AB	1	1	4	4	9
21	2254501823022	Chaudhari Rina Arun	1.5	AB	1	1	3	3	7
22	2254501823023	Chaudhari Shivnath Kaluram	2	1	1	1	3	3	7
23	2254501823024	Chaudhari Yashaswini Manik	2	1	1	1	4	4	9
24	2254501823025	Chaudhari Sanket Vinod	1	1	AB	1	3	3	7
25	2254501823026	Deore Gayatri Dipak	2	1	1	1	3	3	7
26	2254501823027	Deore Varun Samadhan	2	1	1	1	3	3	7
27	2254501823028	Deshmukh Akhilesh Kishanrao	2	1	1	1	4	4	9
28	2254501823029	Deshmukh Arti Arunrao	2	2	1	2	4	4	10
29	2254501823030	Dhalpe Madhura Dattatraya	2	1	1	1	3	3	7
30	2254501823031	Dhole Kartik Kailas	2	1	1	1	4	4	9
31	2254501823032	Dond Vidya Vilas	2	2	2	2	4	4	10
32	2254501823034	Gangurde Janhvi Santosh	2	2	AB	1	3	3	7
33	2254501823035	Gode Kamini Kachru	2	2	1	2	4	4	10
34	2254501823036	Gupta Sakshi Santosh	2	2	AB	1	4	4	9
35	2254501823037	Harak Sharvari Kiran	2.5	1	AB	1	3	3	7
36	2254501823038	Hengade Aaditi Kiran	2	2	1	2	4	4	10
37	2254501823039	Jadhav Aditya Ganesh	0	1	1	1	3	3	7
38	2254501823040	Jadhav Chanakshi Ajay	2	1	AB	1	3	3	7
39	2254501823041	Jadhav Sakshi Shailendra	2	1	1	1	4	4	9
40	2254501823042	Jadhav Rashmi Ravindra	2	2	2	2	4	4	10
41	2254501823043	Jadhav Shreyash Popat	2	1	1	1	4	4	9

Roll No	PRN Number	Name	CAS I by 3	CAS II by 3	CAS III by 3	CAS AVG by 3	Attendance by 4	STI by 3	CAS Total by 10
42	2254501823044	Jagtap Shivani Keshav	1	1	1	1	4	4	9
43	2254501823045	Kapse Anuj Rahul	2	1	1	1	3	3	7
44	2254501823046	Khairnar Rituja Bharat	0.5	1	1	1	4	3	8
45	2254501823047	Khambait Usha Chandrakant	0	1	1	1	3	3	7
46	2254501823048	Kharat Himani Suresh	2	2	1	2	4	4	10
47	2254501823049	Kolhe Rochana Dasharaj	2	2	2	2	4	4	10
48	2254501823050	Kulkarni Yash Sachin	1	1	0	1	3	3	7
49	2254501823051	Kute Payal Parashram	2	1	1	1	2	2	5
50	2254501823052	Lahamge Onkar Somnath	2	2	1	2	4	4	10
51	2254501823053	Mali Bhushan Dyaneshwar	2	1	1	1	4	4	9
52	2254501823054	Nimse Neha Jagannath	2.5	1	AB	1	3	3	7
53	2254501823055	Pagrut Shruti Sudhir	3	1	2	2	4	4	10
54	2254501823056	Pal Shweta Rampyare	2	1	2	2	3	3	8
55	2254501823057	Patil Aditi Nitin	2	1	1	1	3	3	7
56	2254501823058	Patil Mohit Santosh	2.5	1	1	2	4	3	9
57	2254501823059	Patil Vicky Dhanraj	2	1	AB	2	4	3	9
58	2254501823061	Pawar Sneha Puran	2	1	AB	1	3	3	7
59	2254501823062	Shinde Pratiksha Ramesh	2	1	1	2	4	4	10
60	2254501823063	Singh Anjali Kumari Madan	2	1	1	1	3	3	7
61	2254501823064	Shravage Krutika Manoj	1	1	AB	1	3	3	7
62	2254501823065	Somase Aditi Dnyaneshwar	2.5	1	AB	1	4	4	9
63	2254501823066	Sonawane Gaurav Sandeep	0	1	AB	0	2	2	4
64	2254501823067	Wagh Ishwari Sunil	0	1	1	1	3	3	7
65	2254501823068	Waghmare Sunil Santosh	2	1	1	1	3	3	7

Roll No	PRN Number	Name	CAS I by 3	CAS II by 3	CAS III by 3	CAS AVG by 3	Attendance by 4	STI by 3	CAS Total by 10
66	2254501823069	Patil Atharva Nandulal	2	1	1	1	3	3	7
67	2254501823070	Shinde Aditya Pradosh	2	1	1	1	2	2	5
68	2254501823071	Wagh Jayesh Dattatray	2.5	1	AB	1	3	3	7
69	2254501823072	Sable Yash Balasaheb	2	1	AB	1	2	2	5
70	2254501823073	Shinde Mayuri Bhausaheb	1.5	1	1	1	4	4	9
71	2254501823074	Joshi Shritej Sarang	2	1	2	2	3	3	8
72	2254501823075	Patil Pallavi Yogesh	2.5	1	2	2	4	4	10
73	2254501823076	Shardul Piyush Sanjay	2	1	1	1	3	3	7
74	2254501823077	Sonje Shruti Kishor	1	1	1	1	4	4	9
75	2254501823078	Mali Prathmesh Dharamraj	2.5	1	1	2	3	3	8
76	2254501823079	Walekar Prathamesh Mukund	0	AB	AB	0	2	2	4
77	2254501823080	Somasay Sonal Gokul	1.5	1	AB	1	3	3	7
78	2254501823082	Pagar Dnyaneshwari Vasant	0.5	1	2	2	4	3	9
79	2254501823083	Khadke Ruchika Pramod	0	2	AB	1	3	3	7
80	2254501823084	Uagle Uday Rajendra	AB	AB	2	1	4	2	7
81	2254501823085	Sonawane Sneha Kailas	1	3	3	2	4	4	10
82	2254501823086	Kulkarni Gayatri Yashwant	2	2	2	2	3	3	8
83	2254501823087	Mindhe Shruti Sanjay	1.5	3	3	3	3	3	9
84	2254501823088	Panpatil Karishma Krishna	1	2	2	2	4	4	10
85	2254501823089	Pawar Gayatri Balasaheb	1	0	2	1	3	3	7
86	2254501823090	Patil Vaishnavi Dinesh	2.5	2	2	2	4	4	10
87	2254501823091	Nair Tanishka Vinod	2.5	3	3	3	4	4	11
88	2254501823092	Mitkari Shivani Sharanappa	2.5	2	2	2	4	4	10
89	2254501823093	Rathod Harshal Bharat	2	2	2	2	4	4	10

Roll No	PRN Number	Name	CAS I by 3	CAS II by 3	CAS III by 3	CAS AVG by 3	Attendance by 4	STI by 3	CAS Total by 10
90	2254501823094	Deokar Manav Nivrutti	2	1	1	1	3	3	7
91	2254501823095	Thorat Pranav Pravin	2	1	1	1	4	4	9
92	2254501823096	Pawar Sanika Vijay	2	1	1	1	4	4	9
93	2254501823097	Ghuge Radhika Sudam	1	1	1	1	3	3	7
94	2254501823098	Subandh Pratiksha Santosh	2	2	2	2	3	3	8
95	2254501823099	Mahore Shital Bhimrao	2	2	2	2	4	4	10
96	2254501823100	Mathe Siddhant Santosh	1	1	2	1	2	2	5
97	2254501823101	Sangale Om Bharat	1	2	2	2	4	4	10
98	2254501823102	Lad Harshali Kailas	1.5	2	AB	2	4	3	9
99	2254501823103	Niras Kunal Sunilrao	0	1	AB	0	3	3	6
100	2254501823104	Pawar Sayali Bhausaheb	1	1	1	1	3	3	7
101	2254501823105	Komulwad Niharika Ravindrareddy	2	2	2	2	4	4	10
102	2254501823106	Saindane Sneha Prashant	2	2	2	2	4	4	10
103	2254501823107	Shinde Harshala Sandeep	0	3	3	2	4	4	10
104	2254501823108	Godage Samrudhi Dattatray	1	1	AB	1	3	3	7
105	2254501823109	Vakhare Devyani Gajanan	2	1	1	1	3	3	7
106	2254501823110	Kulkarni Vinit Vaibhav	2	2	1	2	3	3	8
107	2254501823111	Murtdak Snehal Shantaram	1	2	2	2	4	4	10
108	2254501823112	Burkul Samrudhi Santosh	2	3	3	3	3	3	9
109	2254501823113	Chavan Renuka Milind	2.5	0	AB	1	2	2	5
110	23054501823501	Manasi Appasaheb Sangale	0	1	1	2	4	3	9
111	23054501823502	Swati Sanjay Labhade	1	2	2	2	3	3	8
112	23054501823503	Sayali Pramod Mahajan	0	2	2	1	3	3	7
113	23054501823504	Payal Rajaram Rathod	2	1	1	1	3	3	7

Roll No	PRN Number	Name	CAS I by 3	CAS II by 3	CAS III by 3	CAS AVG by 3	Attendance by 4	STI by 3	CAS Total by 10
114	23054501823505	Durvesh Dinkar Gandhile	1	1	2	1	4	4	9
115	23054501823506	Yash Pralhad Savkare	1	1	1	1	4	3	8
116	23054501823507	Vikki Raju Koli	2	2	2	2	3	3	8
117	23054501823508	Tejas Vilas Kose	2	3	3	3	3	3	9
118	23054501823509	Aniket Nana Shinde	0	2	2	2	4	3	9
119	23054501823510	Arpita Jagdish Shingade	1	1	1	1	3	3	7
120	23054501823511	Komal Lahu Nikam	2	1	AB	1	3	3	7
121	23054501823512	Mayuri Manohar Patil	1	1	1	1	3	3	7
122	23054501823513	Mayuri Manoj Dongare	2	2	2	2	4	4	10
123	23054501823514	Isha Manoj Chavan	2	1	AB	2	4	3	9
124	23054501823515	Arya Sanjay Deoghare	2	2	AB	1	4	4	9
125	23054501823516	Yash Sandip Patil	0	2	2	1	3	3	7
126	2154461823069	Shinde Neha Subhash	2	2	0	2	4	4	10

D'VJam

Internal Exam coordinator

Dr. V. G. Bhamare

K.K. WAGH COLLEGE OF PHARMACY NASHIK-3

For University Level Theory Subjects

Continuous Assessment A.Y. 2023-2024

Subject: Pharmacology-II Subject Code: BP503T

Class: Third Year B. Pharmacy Semester: V

Sr. No.	PRN	Full name	Attendance 4	Assig. 1	Assig. 2	Assig. 3	Total	Out of 3	STI 3	Total 10 (D+I+J)	Total 10
1	2154501823001	Pravin Karwar	3	4	4	4	12	2.4	3	8.4	8
2	2154501823002	Patil Mayuri Sudhir	3	5	5	4	14	2.8	3	8.8	9
3	2154501823003	Medhane Priyanka Ravindra	3	5	5	2	12	2.4	3	8.4	8
4	2154501823004	Patil Vaishnavi Shriram	2	4	5	4	13	2.6	3	7.6	8
5	2154501823005	Pagar Ashish Dnyaneshwar	2	5	5	4	14	2.8	2	6.8	7
6	2154501823006	Shivale Sakshi Rajendra	2	5	5	4	14	2.8	3	7.8	8
7	2154501823007	Kanchan Bandu Megha	3	3	5	4	12	2.4	3	8.4	8
8	2154501823008	Mahajan Pritesh Anil	2	5	4	4	13	2.6	3	7.6	8
9	2154501823009	Vadje Priyanka Yuvraj	3	4	5	4	13	2.6	2	7.6	8
10	2154501823013	Khairnar Priyanka Sanjay	2	5	5	4	14	2.8	3	7.8	8
11	2154501823014	Chaudhari Ashwini Bhaskar	3	3	5	4	12	2.4	3	8.4	8
12	2154501823016	Sonar Harshali Shashikant	3	5	5	4	14	2.8	3	8.8	9
13	2154501823017	Pawar Dinesh Bhausaheb	3	5	5	4	14	2.8	2	7.8	8
14	2154501823018	Mandlik Yuvraj Balasaheb	3	3	4	4	11	2.2	3	8.2	8
15	2154501823020	Omkar Sandip Bhagwat	4	3		4	7	1.4	3	8.4	8
16	2154501823021	Chavan Sonali Sanjay	2	5	4	4	13	2.6	2	6.6	7
17	2154501823022	Malpure Pratiksha Ravindra	3	3	5		8	1.6	3	7.6	8
18	2154501823023	Tile Prasad Bhaskar	2	4	5	4	13	2.6	3	7.6	8
19	2154501823024	Deore Manjusha Gokul	3	3	4	4	11	2.2	3	8.2	8
20	2154501823025	Pathade Aashutosh Bapu	3	2	5	4	11	2.2	3	8.2	8
21	2154501823026	Ambhore Priyanka Sunil	3	3	5	3	11	2.2	3	8.2	8
22	2154501823028	Ugale Darshana Kiran	3	4	4		8	1.6	3	7.6	8
23	2154501823029	Gorane Yash Ramesh	3	4		4	8	1.6	3	7.6	8
24	2154501823030	Khapare Sejal Sanjay	3	5	5	4	14	2.8	3	8.8	9
25	2154501823031	Gaikwad Akshada Balasaheb	3	3	4	4	11	2.2	2	7.2	7
26	2154501823033	Patil Sujata Madhukar	3	5	5	4	14	2.8	3	8.8	9
27	2154501823034	Chavan Rushikesh Hiraman	3	3	4	4	11	2.2	3	8.2	8
28	2154501823036	Ugale Kamodi Anil	3	4	3	4	11	2.2	2	7.2	7
29	2154501823037	Jogdand Rutika Devidas	3	3	5	4	12	2.4	3	8.4	8
30	2154501823038	Jadhav Pritam Sudam	3	3	4	4	11	2.2	2	7.2	7
31	2154501823039	Shirsath Samiksha Babasaheb	3	3	5	4	12	2.4	2	7.4	7
32	2154501823040	Hardik Hemant Patil	3	4	4		8	1.6	2	6.6	7
33	2154501823041	Chavhanke Shraddha Shivaji	3	4	4	3	11	2.2	3	8.2	8
34	2154501823042	Chavan Mayank Pradip	3			4	4	0.8	2	5.8	6
35	2154501823043	Shaikh Saleena Mehmood	1	3			3	0.6	3	4.6	5
36	2154501823044	Gangurde Siddhi Kiran	3	5	4	4	13	2.6	1	6.6	7
37	2154501823045	Pawar Dhruva Sanjay	1				0	0	3	4	4
38	2154501823047	Salunke Ankita Eknath	3	4	4	3	11	2.2	3	8.2	8

39	2154501823048	Pagare Suraj Prabhakar	3	4	3	3	10	2	2	7	7
40	2154501823049	Bhavar Priyanka Shantaram	3	5	5	4	14	2.8	2	7.8	8
41	2154501823050	Acharya Sakshi Deepak	3	5	5	4	14	2.8	2	7.8	8
42	2154501823051	Pinjari Ujama Akthar	2	3	3	4	10	2	3	7	7
43	2154501823052	Tele Ritesh Ukhardu	2	5	4	4	13	2.6	2	6.6	7
44	2154501823053	Rayate Komal Vijay	3	3	5	4	12	2.4	3	8.4	8
45	2154501823054	Vaishnavi Ashok Patil	3	3	5	3	11	2.2	3	8.2	8
46	2154501823055	Tupe Shradha Sanjay	3	4	4	4	12	2.4	2	7.4	7
47	2154501823056	Kathe Shraddha Vilas	3	3	4	4	11	2.2	3	8.2	8
48	2154501823057	Jadhav Nachiket Prashant	2				0	0	3	5	5
49	2154501823058	Girase Sanjyot Chhotusing	3	3	5	4	12	2.4	2	7.4	7
50	2154501823059	Sonawane Dipti Vilas	3	5	5	4	14	2.8	2	7.8	8
51	2154501823060	Pawar Nikita Gorakhnath	3	5	4	4	13	2.6	2	7.6	8
52	2154501823061	Pawar Prachi Sudam	3	4	5	4	13	2.6	3	8.6	9
53	2154501823062	Darade Sarthak Ramesh	3	5	5	4	14	2.8	2	7.8	8
54	2154501823063	Dani Arnav Hemant	3	3		4	7	1.4	3	7.4	7
55	2154501823064	Darade Govind Vitthal	3	4	5	4	13	2.6	2	7.6	8
56	2154501823065	Aniket Samadhan Gaikwad	3			4	4	0.8	3	6.8	7
57	2154501823066	Bade Anagha Milind	3	5	5	2	12	2.4	3	8.4	8
58	2154501823067	Bargal Sakshi Dilip	3	4	5	4	13	2.6	3	8.6	9
59	2154501823068	Dhole Shraddha Nana	3	5	4	4	13	2.6	2	7.6	8
60	2154501823069	Garje Om Devidas	3	5	5	4	14	2.8	3	8.8	9
61	2154501823070	Deshpande Bhargavi Krushanant	3	4	5	2	11	2.2	3	8.2	8
62	2154501823071	Kumbhar Chirag Ukha	2				0	0	3	5	5
63	2154501823073	Malve Bhakti Sachin	3	4	4	5	13	2.6	3	8.6	9
64	2154501823074	More Avantika Pradip	3	5	5	4	14	2.8	2	7.8	8
65	2154501823075	Patil Kapil Dipak	3	4		3	7	1.4	2	6.4	6
66	2154501823076	Naik Saurabh Ajay	3	3	5	4	12	2.4	2	7.4	7
67	2154501823077	Shewale Rohit Sunil	3		5	2	7	1.4	3	7.4	7
68	2154501823078	Jagtap Anushka Santosh	3	4	5	5	14	2.8	3	8.8	9
69	2154501823079	Wagh Ganesh Ishwar	3				0	0	3	6	6
70	2154501823080	Mahale Ruchita Vasudeo	3	4	5	4	13	2.6	3	8.6	9
71	2154501823081	Anvay Satish More	3	4	5	4	13	2.6	1	6.6	7
72	2154501823082	Chewale Kunali Pandurang	3	4	4	3	11	2.2	3	8.2	8
73	2154501823083	Landge Charushila Jibhau	3	3	5	3	11	2.2	3	8.2	8
74	2154501823084	Darak Yashwant Navneet	3	5	4	3	12	2.4	2	7.4	7
75	2154501823085	Vaishnavi Tushar Mahajan	3	4	5	4	13	2.6	3	8.6	9
76	2154501823086	Nagpure Atharv Mukund	2	5	5	4	14	2.8	2	6.8	7
77	2154501823087	Pingale Sayali Vilas	3	4	5	4	13	2.6	2	8	8
78	2154501823088	Ranmale Omkar Sanjay	3	4	5	4	13	2.6	3	8.6	9
79	2154501823090	Kadam Vaishnavi Shashikant	3	4	5	4	13	2.6	3	8.6	9
80	2154501823091	Sabale Varsha Ramesh	3	5	5	3	13	2.6	1	6.6	7
81	2154501823092	Manore Sakshi Hemant	3	3	5	4	12	2.4	3	8.2	8

82	2154501823093	More Chinmayi Rajendra	3	4	5	4	13	2.6	2	7.6	8
83	2154501823094	Kothule Sakshi Kailas	3	3	5	4	12	2.4	2	7.4	7
84	2154501823095	Gavali Saloni Shrinivas	3	4	5	4	13	2.6	3	8.6	9
85	2154501823096	Kumat Kashish Prashant	3	4	5	4	13	2.6	2	7.6	8
86	2154501823097	Chaudhari Aditya Chhotu	3	4	5	4	13	2.6	2	7.6	8
87	2154501823098	Holgir Sonali Dattu	3	4	5	4	13	2.6	2	7.6	8
88	2154501823099	Avishkar Jadhav	1	5	4		9	1.8	2	4.8	5
89	2154501823100	Yeole Sakshi Jagannath	3	5	5	3	13	2.6	1	6.6	7
90	2154501823101	Ostwal Sakshi Ravindra	3	3	3	5	11	2.2	3	8.2	8
91	2154501823102	Wagh Abhishek Vitthal	3	3	2	4	9	1.8	2	6.8	7
92	2154501823103	Wavdhane Survadnya Pravin	3	4	3	4	11	2.2	2	7.2	7
93	2154501823104	Kalokhe Mansi Dnyaneshwar	3			2	2	0.4	3	6.4	6
94	2154501823105	Khadangale Pratik Pramod	3	5	5	4	14	2.8	2	7.8	8
95	2154501823106	Ghogari Palan Narottan	3	4	3	4	11	2.2	3	8.2	8
96	2154501823107	Khare Shruti Deepak	3	4	4	4	12	2.4	3	8.4	8
97	2154501823108	Amle Prathamesh Anil	3	4	5	4	13	2.6	2	7.6	8
98	2154501823109	Vyavahare Aditi Prashant	3	3	5	4	12	2.4	2	7.4	7
99	2154501823110	Shirode Saket Vilas	3	3	5	4	12	2.4	2	7.4	7
100	2154501823111	Paradhi Pandurangnath Ananda	3	4	5	4	13	2.6	3	8.6	9
101	2154501823112	Chawhan Humayu Yousuf	2	4	3	3	10	2	2	6	6
102	2254501823501	Agale Rohit Sudam	3	4	5	4	13	2.6	3	8.6	9
103	2254501823502	Ahire Prachi Vijay	3	3	5	4	12	2.4	3	8.4	8
104	2254501823503	Ahirrao Harshal Sanjay	3	3	5	4	12	2.4	2	7.4	7
105	2254501823504	Anwat Bhagwat Santosh	3	5	5	4	14	2.8	2	7.8	8
106	2254501823505	Apre Pratik Vijay	3	5	5	3	13	2.6	2	7.6	8
107	2254501823506	Avhad Sayali Subhash	3	4	5	4	13	2.6	3	8.6	9
108	2254501823507	Bendale Vaishnavi Kisan	3	4	5	3	12	2.4	2	7.4	7
109	2254501823508	Chaudhari Gayatri Sudhir	3	5	5	4	14	2.8	2	7.8	8
110	2254501823509	Chavan Vaishnavi Atmaram	3	3	4	4	11	2.2	3	8.2	8
111	2254501823510	Gaikwad Sanika Rambhau	3	2	4	3	9	1.8	2	6.8	7
112	2254501823511	Garud vikas Sureshrao	3	5	5	3	13	2.6	1	6.6	7
113	2254501823512	Ghodsare Seema Subhash	3	4	4	4	12	2.4	2	7.4	7
114	2254501823513	Kalyan Shivani Anil	3	3	4	4	11	2.2	3	8.2	8
115	2254501823514	Kapate Samiksha Shivanand	3	3	5	4	12	2.4	3	8.4	8
116	2254501823515	Kulkarni Aditya Nandkishor	3	4	5	4	13	2.6	2	7.6	8
117	2254501823516	Patil Vishal Harishchandra	3	4	5	4	13	2.6	2	7.6	8
118	2254501823517	Rahatal Omkar Kiran	3	4	5	3	12	2.4	3	8.4	8
119	2254501823519	Sonawane Pranita Sahebrao	3	4	5	4	13	2.6	3	8.6	9
120	2254501823520	Tekale Sakshi Sanjay	3	3	5	4	12	2.4	3	8.4	8
121	2254501823521	Thorat Rohini Ashok	3	3	5	4	12	2.4	3	8.4	8
122	2254501823522	Vidhate Akshada Dashrath	3	5	5	4	14	2.8	2	7.8	8
123	2254501823523	Wagh Mahadeo Vilas	3	3	4	4	11	2.2	3	8.2	8

S.D. Thakur (CEO)

Nikumbh K.P. Mahajan