Second Year D. Pharmacy

Subject / Subject Code : Pharmacology (20221)

Time : 09:30 AM - 11:00 AM

Date : 06/01/2025

Marks : 40 Marks

Instructions :-

- **All questions are compulsory.**
- **Illustrate your answers with neat labelled sketches whenever necessary.**
- **Figures to the right indicate full marks.**

Q A) Attempt any <u>THREE</u> of the following. **(15 Marks)**

1) Classify antihypertensive drugs. Give Pharmacological account of methyldopa (CO2, CO3)

2) Give indication, contraindications, preparation with route of administration & doses of iron preparation (CO2, CO3)

3) What is bronchial asthama? Enlist its different form & its treatment (CO3, CO4)

4) What are purgatives? Classify them with examples (CO3, CO4)

Q B) Attempt any <u>FIVE</u> of the following. **(15 Marks)**

1) Enlist adrenergic receptor blockers Explain its indication & dosage (CO3, CO4)

2) Explain the role of Enalapril in the treatment of hypertension. (CO3)

3) Write a note on Folic acid. (CO3)

4) What are anticoagulants? Enlist anticoagulants with their indications (CO1, CO3)

5) Give Pharmacological action of warfarin sodium (CO1)

6) What are antitussives? Classify them (CO3, CO4)

Q C) Write One Line Question / Multiple Choice Questions. **(10Marks)**

1) Which form of iron is readily absorbed in the body (CO1)

a)Hone form b) Nonheme form

c) Iron dextran d) Iron sulfate

2) Which factor is necessary for the absorptine of vitamin B12 in the gastrointestinal track? (CO3)

a) Gastric acid b) Pepsin

c)lestrinsic facto d) Pancreatic enzymes

3) Iron is necessary for the formation of (CO2, CO3)

a)Hemoglobin b) DNA

c)RNA d) Transferrin

4) Example of analeptic drug is (CO3)

a) Doxapram b) Picrotoxin

c) Strychnine d) All of the above

5) Which of these group of drug is used for asthma treatment (CO3, CO4)

a) Methylxanthines b) M-chlinoblocking agents

c) Beta2 stimulants d) all of the above

6) What is vomiting? (CO1)

7) What is antidiarrhocals? (CO4)

8) Write the use of Ambroxol (CO3, CO4)

9) What is the dosage of Clopidogrel " (CO3)

10) What is shock? (CO1)

Subject teacher
[Mr. P. P. Mali]

Exam Incharge
[Ms. A. A. Mhatugade]

Ms. S. D. Mali
Principal
Principal
Shahid Sitaram College of Pharmacy
Tilave, Tal.Radhanagari, Dist.Kolhapur

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE
SECOND SESSIONAL PRACTICAL EXAMINATION 2024-25
Second Year D. Pharmacy.

Subject And Subject Code: Pharmacology(20056) **Time:** 12:00PM-03:00 PM
Day & Date: 06/01/2025 **Total Marks:** 80 Marks

Q. 1) Synopsis **(10 Marks)**

1) Define antipyretic & give two example of it (CO1)
2) Debine Narcotic & non-norcetic analgesic with example (CO1)
3) write various part of hot plate apparatus (CO2)
4) write pharmacological effect of morphine (CO4)
5) Define epilepsy & give it's type (CO3)

Q. 2 Experiment **(50 Marks)**

A) Major Experiments (CO3) **(25Marks)**

Aim: Screening of muscle relaxants using Rota rod apparatus

b) Minor Experiments (CO4) **(15 Marks)**

Aim: Screening of CNS stimulants using Actophotometer

c) Spotting **(10 Marks)**

1) Organ tube
2) Simple lever
3) Gimbal lever
4) Rota Rod Apparatus
5) Organ bath

Q. 4) Viva voce **(10 Marks)**

Q. 5) Practical Record Maintenance **(10 Marks)**

Subject teacher
(Mr. P. P. Mali)

Exam Incharge
Ms. A. A. Mahgade

Principal
Ms. S. A. Mali
Principal
Shahid Sitaram College of Pharmacy
Titave, Tal.Radhanagari, Dist.Kolhapur

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE

SECOND SESSIONAL THEORY EXAMINATION 2024-25

Second Year D. Pharmacy

Subject / Subject Code: Community Pharmacy and Management (20222) Time: 09:30 AM - 11:00 AM

Date: 07/01/2025 Marks: 40 Marks

Instructions:-

- **All questions are compulsory.**
- **Illustrate your answers with neat labelled sketches whenever necessary.**
- **Figures to the right indicate full marks.**

Q A) Attempt any <u>THREE</u> of the following. **(15 Marks)**

1) Define medical adherence. Write the factors influencing non- adherence. **(CO4)**

2) Write a note on Patient interview techniques. **(CO2, CO3)**

3) Define patient counselling. Discuss the patient counselling point for hypertention. **(CO3)**

4) Give the importance and benefits of Patient Package Insert. **(CO3)**

Q B) Attempt any <u>FIVE</u> of the following. **(15 Marks)**

1) Write a method for patient counselling. **(CO3)**

2) Write a benefits of good interaction between patients and pharmacist. **(CO2, CO3)**

3) Define communication skill. Explain about written communication skill. **(CO2, CO3)**

4) Define and uses of patient Information Leaflets. **(CO3)**

5) Write types of Non- adherence. **(CO4)**

6) Classify barriers to patient counselling. **(CO3)**

Q C) Write One Line Question / Multiple Choice Questions. **(10 Marks)**

1) Define PIL. **(CO3)**

2) Define medical adherence. **(CO4)**

3) What is reinforcement? **(CO2, CO3)**

4) ---------- is the process of giving feedback to another person about your understanding of what has been said. **(CO2, CO3)**

5) ---------- is the first stage of counselling initiated by the pharmacist. **(CO2, CO3)**

6) Tuberculosis is potentially serious infectious disease that mainly affect on the --------. **(CO3)**

7) ---------- is the process of constructing meaning from written text. **(CO2, CO3)**

1. Listening
2. Reading
3. Speaking
4. Writing

8) ---------- is not disease but is an important risk factor for several complication that ultimately result in organ damage. **(CO3)**

1. Tuberculosis
2. Cancer
3. Hypertention
4. Lymphoma

9) Types of non- adherence is- **(CO4)**

1. Non- fulfillment adherence
2. Non- persistence adherence
3. Non- Conforming adherence
4. All of the above

10) What is nonverbal communication often refered to as? **(CO2, CO3)**

1. Facial expression
2. Body language
3. Eye contact
4. All of the above

Subject Teacher **Exam In Charge** **Principal**

Principal
Shahid Sit... College of Pharmacy
Titave, Tal.Radhanagari, Dist.Kolhapur

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2) Define medical adherence. **(CO4)**

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Subject Teacher

Exam In Charge

Principal

Principal

Shahid Sit... College of Pharmacy
Tilave, Tal.Radhanagari, Dist.Kolhapur

SECOND SESSIONAL PRACTICAL EXAMINATION 2024-25

Second Year D. Pharmacy

Subject / Subject Code: Community Pharmacy and Management (20057)

Time: 12:00 PM - 03:00 PM

Marks : 80 Marks

Date: 07/01/2025

Q.1) Synopsis **(10 M)**

1. What is COPD? Give the symptoms of COPD. **(CO5)**
2. Give the symptoms of Asthama. **(CO5)**
3. Give the cause of Hypertation and Hypotention. **(CO5)**
4. Define Hypoxemia. **(CO5)**
5. Which device use to measure blood glucose. **(CO5)**

Q.2) Experiment **(50 M)**

A. Major Experiment. **(30 M)**

To measure the peak expiratory flow rate using peak flow meter and maximum value of air inhaled using Incentive Spirometer. **(CO5)**

B. Minor Experiment. **(20 M)**

To determine the capillary blood pressure by using Glucometer. **(CO5)**

Q. 3) Viva-voce **(10 M)**

Q.4) Practical Record maintenance. **(10 M)**

Subject Teacher **Exam In Charge** **Principal**

Principal
Shahid Sita... of Pharmacy
Titave, Tal.Radhanagari, Dist.Kolhapur

SECOND SESSIONAL ...

Second Year D. Pharmacy

ject / Subject Code : Biochemistry and Pathology (20223)

Time : 09:30 AM - 11:00 AM

e : 08/01/2025

Marks : 40 Marks

Instructions :-

ll questions are compulsory.

llustrate your answers with neat labelled sketches whenever necessary.

igures to the right indicate full marks.

.1) Attempt any <u>THREE</u> of the following. **(15 Marks)**

1) Draw a neat DNA double helix structure. Describe its main function. (C-1)

2) Define vitamins and classify them according to their solubility with example. (C-2)

3) Draw a flow diagram of kreb's cycle. Discuss its importance. (C-1,2,3)

4) What is oxidative deamination. Expalin with example. (C-2)

).2) Attempt any <u>FIVE</u> of the following. **(15 Marks)**

1) Give a note on lipid metabolism. (C-1,2)

2) Differentiate between DNA and RNA. (C-2)

3) What is mischaelis-menten equation. (C-2)

4) Define imporatnace of vitamin B12. (C-2)

5) Discuss formation of ketone bodies. (C2,3)

6) Define the terms (C-1,2)

1. Catabolism.
2. Glycogenolysis.

1) The two main types of nucleic acids are **(C-2)**

a) DNA and RNA
b) Proteins and lipids
c) Carbohydrates and amino acids
d) Enzymes an Hormones

2) What is the primary functions of enzyme. **(C-1)**

a) Enzyme storage
b) Structural support
c) Catalyzing chemical reaction
d) Oxygen transport

3) Which vitamin is cracial for absorption of calcium and phosphorous in the intestine **(C-2)**

a) Vit A
b) Vit C
c) Vit D
d) Vit K

4) During glycolysis one molecule of glucose is converted into **(C-3)**

a) Two molecules of pyruvate
b) Two molecules of Acetyl coA
c) Two molecules of ATP
d) Two molecules of NADH

5) The urea cycle is responsible for detoxification of excess nitrogen generated during the metabolism of **(C-3)**

a) Carbohydrates
b) Fats
c) Proteins
d) Nucleic acid

6) In cellular respiration pyruvate is further metabolized in_____ **(C-3)**

7) The TCA cycle is also known as **(C-3)**

8) What are the building blogs of nucleic acid **(C-2)**

9) The specific region of an enzyme where the substrate binds is called **(C-1)**

10) Vitamin K is essential for_____ **(C-1)**

Subject Teacher

Exam Incharge

Principal

Principal
Shahid Sitaram College of Pharmacy
Tilave, Tal.Radhanagari, Dist.Kolhapur

SHAHID SITARAM COLLEGE OF PHARMCY, TITVE

SECOND SESSIONAL PRACTICAL EXMINATION

Second Year D. Pharmacy

Subject/Subject Code: Biochemistry & Clinical Pathology (20223) **Time:** 12:00 pm To 03:00 pm

Date:08/01/2025 **Marks: 80M**

Q. 1) Synopsis (C- 1,2) **10 M**

1) Define amino acid with example.

2) Give classification of lipid.

3) What is salkowskis test.

4) What are abnormal constituent in urine.

5) Define saponification test.

Q.2 A) Major Experiment (C- 1) **25 M**

Identify the unknown amino acid sample by qualitative analysis.

Q.2 B) Minor Experiment (C-2) **15 M**

Detect normal constituents of given urine sample.

Q.3 Viva Voce. (C- 1,2) **10 M**

Q.4 Practical Record Maintenance. (C- 1,2) **10 M**

Subject Teacher **Exam Incharge** **Principal**

Shahid Sitaram College of Pharmacy
Titave, Tal.Radhanagari, Dist.Kolhapur

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE.

SECOND SESSIONAL THEORY EXAMINATION 2024-25

Second Year D. Pharmacy

Subject / Subject Code: Pharmacotherapeutics (20224) **Time: 09:30Am – 11:00 Am**

Day / Date: 09/01/2025 (Thursday) **Marks: 40 Marks**

❖ **Instructions :-**

- **All questions are compulsory.**
- **Illustrate your answers with neat labelled sketches whenever necessary.**
- **Figures to the right indicate full marks.**

Q A) Attempt any THREE of the following. **(15 Marks)**

1) Write about etiopathogenesis of thyroid disorders and mention symptoms and signs of Hypothyroidism. **(CO 1, CO 2)**
2) What is Alzheimer's disease? Explain in detail its etiology. **(CO 1, CO 2)**
3) Write about the clinical manifestation of Parkinson's disease. Explain pharmacological treatment of Parkinson's disease. **(CO 2, CO 3)**
4) What is tuberculosis? Explain etiopathogenesis and manifestation of Tuberculosis. **(COP 1, CO 2)**

Q B) Attempt any FIVE of the following. **(15 Marks)**

1) What is pharmacological management of Iron deficiency anemia? **(CO 1, CO 2)**
2) What is an alcoholic liver disease? Write about its clinical manifestation. **(CO 2, CO 3)**
3) Describe Non-pharmacological management and clinical manifestation of Hepatitis.
4) Define and explain types, etiopathogenesis of peptic ulcer. **(CO 1, CO 2)**
5) Explain clinical manifestation and describe its non- pharmacological management of Epilepsy. **(CO 1, CO 2)**
6) What is SARS-COV-2? Give the clinical manifestation and non-pharmacological management of SARS-COV-2. **(CO 2, CO 3)**

Q C) Write One Line Question / Multiple Choice Questions. **(10Marks)**

1) What is Seizure? **(CO 2)**

2) Select the specific unwanted effect of L-DOPA. **(CO 2)**

a) Dementia b) Dyskinesia c) Hypertension d) Excitotoxicity

3) What is the full form of GERD? **(CO 1)**

4) Urea breath test is used to confirm presence of..... **(CO 2)**

a) E. coli b) S. typhi c) H. pylori d) Vibrio cholera

5) Write any two prevention of infectious diseases. **(CO 3)**

6) Write the full form of RNTCP. **(CO 1)**

7) Pulmonary TB mainly affects..... **(CO 2)**

a) Lung b) Kidney c) Liver d) Pancreas

8) Hepatitis C virus is..... **(CO 2)**

a) double-stranded RNA virus b) double-stranded DNA virus

c) single-stranded RNA virus d) single-stranded DNA virus

9) What is the Incubation period for HCV? **(CO 2)**

10) HIV stands for..... **(CO 2)**

a) Human immunodeficiency virus b) Human immunomodulatory virus

c) Human integratory virus d) Human immunoenhancer virus

Subject Teacher [Miss. Akanksha N. Patane]

Exam In Charge [Ms. A. A. Mahajan]

Principal Ms. S. D. Mali

Shahid Sitaram College of Pharmacy
Sitave, Tal.Radhanagari, Dist.Kolhapur

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE

SECOND SESSIONAL PRACTICAL EXAMINATION 2024-25

Second Year D. Pharmacy.

Subject And Subject Code : Pharmacotherapeutics (20059) **Time : 12:00PM-03:00 PM**

Day & Date : 09/01/2025 (Thursday) **Total Marks : 80 Marks**

Q. 1) Synopsis **(10 Marks)**

1) Write the types of Asthma. **(CO 1)**

2) Write the causes of COPD. **(CO 1)**

3) What is the full form of COPD? **(CO 1)**

4) Defined Patient counselling. **(CO 2)**

5) Write the steps for patient education and counselling. **(CO 2)**

Q. 2) Experiments **(50 Marks)**

A) Major Experiments **(30 Marks)**

To study the preparation of SOAP (Subjective, Objective, Assessment and Plan) notes for the given case of Asthma. **(CO 1)**

B) Minor Experiments **(20 Marks)**

To calculate the dose Alprazolam for 70-year-old (Geriatric) patient suffering from panic disorder. **(CO1, CO2)**

Q. 3) Viva voce **(10 Marks)**

Q. 4) Practical Record Maintenance **(10 Marks)**

Subject Teacher
[Miss. Akanksha N. Patare]

Exam In Charge
[Ms. A. A. Mahugade]

Ms. S. D. Mali
Principal
Shahid Sitaram College of Pharmacy
Titave, Tal.Radhanagari, Dist.Kolhapur

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE

SECOND SESSIONAL THEORY EXAMINATION 2024-25

Second Year D. Pharmacy

Subject / Subject Code : Hospital And Clinical Pharmacy (20225) **Time : 09:30 AM - 11:00 AM**

Date : 10/01/2025 **Marks : 40 Marks**

Instructions :-

- **All questions are compulsory.**
- **Illustrate your answers with neat labelled sketches whenever necessary.**
- **Figures to the right indicate full marks.**

Q A) Attempt any THREE of the following. **(15 Marks)**

1) Explain the application of computer in hospital pharmacy practice. (CO 2)

2) Define clinical pharmacy. Discuss role, scope and functions. (CO2)

3) Write a note on TPN. (CO3)

4) Discuss software's used in hospital. (CO 2)

Q B) Attempt any FIVE of the following. **(15 Marks)**

1) Define the clinical pharmacy and write its importance. (CO 3)

2) Explain about the radio pharmaceutical management in hospital. (C0 2)

3) What is the difference between compounding and manufacturing. (CO 3)

4) Discuss the role of IT in hospitals. (CO 2)

5) What is therapeutic drug monitoring system. (CO 4)

6) Give commonly used abbreviations. (CO 4)

Q C) Write One Line Question / Multiple Choice Questions. **(10Marks)**

1) TPN is also known as? (CO 3)

2) Define radiopharmaceuticals. (CO 3)

3) What is the meaning of PRN and nocte (CO 4)

4) Bulk compounding in hospitals refers to..... (CO 4)

5) Which imaging techniques commonly uses radiopharmaceuticals. (CO 4)

6) ---------- is a prime duty of clinical pharmacy area to monitor the drug therapy. (CO 3)

7) ---------- is the radioisotope commonly used in bone scan. (CO 3)

1. Technetium- 99m
2. Iodine-131
3. Gallium-67
4. Thallium-201

8) Computers are used in hospital pharmacy practice for. (CO 2)

1. Managing inventory and medication stock
2. Calculating medication dosages
3. Providing drug interaction alerts
4. All of the above

9) Significance of medication history are (CO 4)

1. A reason for ADR
2. Used as a gauze by the physician for therapy
3. To know the patients current and post medication
4. All of the above

10) Reason for non – adherence are (CO 2)

1. Busy schedule of work
2. Negligence
3. Both 1 and 2
4. None of the above

Ms. S.D. Mali
Subject teacher

Exam Incharge

Ms. S.D. Mali
Principal

Principal
Tilave, Tal. Kankavli, Dist. Kol

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE.

SECOND SESSIONAL THEORY EXAMINATION 2024-25

Second Year D. Pharmacy

Subject / Subject Code: Pharmacy Law and Ethics (20226) **Time: 09:30Am – 11:00 Am**

Day / Date: 11/01/2025 (Saturday) **Total Marks: 40 Marks**

❖ **Instructions :-**

- **All questions are compulsory.**
- **Illustrate your answers with neat labelled sketches whenever necessary.**
- **Figures to the right indicate full marks.**

Q A) Attempt any <u>THREE</u> of the following. **(15 Marks)**

1) Discuss the constitution and function of CPCSEA. (CO2)

2) What is the qualification of Food Analyst and discuss their function. (CO2)

3) Give the objective of DPCO,2013 and define the term under this Act,

I. Active Pharmaceutical Ingredients

II. Formulation

III. Maximum Retail Price(CO2)

4) What is the role of pharmacist in Relation to his job as per code of ethics. (CO2)

Q B) Attempt any <u>FIVE</u> of the following. **(15 Marks)**

1) Define 'Illicit Traffic's under NDPS Act 1985. (CO2)

2) Give provisions for sale and possession of Poison Act, 1919. (CO2)

3) Define Magic Remedies and Give Exempted advertised under DMR Act, 1954. (CO2)

4) Give Bonafide Reason for termination of Pregancy under M.T.P 1971. (CO2)

5) What are objectives Of CDSCO? (CO2)

6) Discuss the Offences and Penalties under the DPCO. (CO2)

Q C) Write One Line Question / Multiple Choice Questions. **(10Marks)**

1) CPCSEA stand for..... (CO2)

2) The provision of DPCO are implemented and enforced by..... (CO2)

a) DPPA b) NPPA

c) MARE d) None of These

3) Poison Act passed in the year..... (CO2)

a) 1954 b) 1971 c) 1919 d) 1960

4) Define Captive Animal as per prevention of cruelty to Animal Act, 1960. (CO2)

5) The Head Quarter of CDSCO is located at....(CO2)

a) Mumbai b) Delhi c) Chennai d) Kolkata

6) Consumer Protection Act is significant to? (CO2)

a) All Good and services b) Immovable Goods

c) Movable Goods d) Selected Goods and Services

7) Give the Full form of NLEM? (CO2)

8) Food safety and standards Act 2006 was established on (CO2)

a) 25 Aug 2006 b) 24 Aug 2006

c) 23 Aug 2006 d) 26 Aug 2006

9) ..... is celebrated as world consumed Day. (CO2)

a) 10 April b) 15 March c) 28 February d)1 January

10) Code of Pharmaceutical ethics developed by..... (CO3)

Subject Teacher
[Ms.A.A.Mahugade]

Exam IN-Charge
[Ms.A.A.Mahugade]

Ms.S.D.Mali
Principal

Shahid Sitaram College of Pharmacy
Titave, Tal.Radhanagari, Dist.Kolhapur

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE

FIRST SESSIONAL THEORY EXAMINATION 2023-24

Second Year D. Pharmacy

Subject / Subject Code : Pharmacology (20221) **Time : 09:30 AM - 11:00 AM**

Date : 21/10/2024 (Monday) **Marks : 40 Marks**

Instructions :-

- All questions are compulsory.
- Illustrate your answers with neat labelled sketches whenever necessary.
- Figures to the right indicate full marks.

Q A) Attempt any <u>THREE</u> of the following. **(15 Marks)**

1) Write in detail about NSAID's. (CO2, CO3, CO4)

2) Give brief information about Drug Distribution. (CO1)

3) Explain in brief general Anaesthetic Agent. (CO2, CO3, CO4)

4) Define, Classify and Explain Hypnotics and Sedative. (CO2, CO3, CO4)

Q B) Attempt any <u>FIVE</u> of the following. **(15 Marks)**

1) Describe note on Excretion or Elimination of drug. (CO1)

2) Give definition and classification of Parkinsonism. (CO2, CO3, CO4)

3) Write a difference between Morphine and Pethidine. (CO2, CO3)

4) Write a note on Cholinergic Drugs. (CO2, CO3, CO4)

5) Define Drug Tolerance and classify them. (CO2)

6) Discuss in short about Route of Administration. (CO1)

Q C) Write One Line Question / Multiple Choice Questions. **(10Marks)**

1) Write definition of Miotics and Mydriatics. (CO2)

2) Define following terms : (CO1)

A) Pharmacology B) Chemotherapy.

3) Write the Dilling's formula for calculating dose of the children. (CO1)

4) Give the order of various dosage forms for the bioavailability of drug. (CO1)

5) Give the adverse effect of Antipsychotics. (CO1)

6) Bioavailability from I. V. route is _____%. (CO1)

A)10 B) 100

C) 1000 D) 10000 .

7) Atropine decreases _____.(CO3)

A) Secretion B) Heart Rate

C) Force of Contraction of Heart D) Fever .

8) Increase in intraocular pressure is associated with _____.(CO2)

A) Conjunctivitis B) Cataract

C) Secretion D) Fever

9) Which one of the following is muscle relaxant ? (CO3)

A) Levodopa B) Carbidopa

C) Benztropine D) Clorzoxazone

10) Morphine is contraindicated in _____ (CO3)

A) Cancer Pain B) Head Injury

C) Diarrhoea D) Fever.

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE

FIRST SESSIONAL PRACTICAL EXAMINATION 2024-25

Second Year D. Pharmacy.

Subject And Subject Code: Pharmacology (20056) **Time:** 12:00PM-03:00 PM

Day & Date: 21/10/2024 (Monday) **Total Marks:** 80 Marks

Q. 1) Synopsis **(10 Marks)**

1) Who is the founder of Modern Pharmacology. (CO1, CO2, CO3,CO4)

2) Give the reason of : Why the animals are used in research. (CO1, CO2, CO3,CO4)

3) Enlist the names of laboratory animals. (CO1, CO2, CO3,CO4)

4) Write the types of routes of administration. (CO1, CO2, CO3,CO4)

5) Define the following terms: (CO2, CO4)

a) In-Vitro b) In-Vivo

Q. 2) Major Experiments **(25 Marks)**

Odd : Study of Mydriatric effect on rabbit eye. (CO1)

Even : Study of Local Anaesthetics on rabbit eye. (CO1)

Q. 3 A) Minor Experiments **(15 Marks)**

Techniques of blood collection from animals. (CO2, CO4)

B) Spotting **(10 Marks)**

a) Elevated Plus Maze Apparatus (CO2)
b) Actophotometer (CO2)
c) Tail Flick Apparatus (CO2)
d) Hot Plate Apparatus (CO2)
e) Rota-Rod Apparatus. (CO2)

Q. 4) Viva voce **(10 Marks)**

Q. 5) Practical Record Maintenance **(10 Marks)**

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE

FIRST SESSIONAL THEORY EXAMINATION 2023-24

Second Year D. Pharmacy

Subject / Subject Code : Community Pharmacy & Management (20222) Time : 09:30 AM - 11:00 AM

Date : 22/10/2024 Marks : 40 Marks

Instructions :-

All questions are compulsory.

Illustrate your answers with neat labelled sketches whenever necessary.

Figures to the right indicate full marks.

) A) Attempt any THREE of the following. **(15 Marks)**

) Enlist & explain part of Prescription (CO1, CO2)

) Discuss international scenario of development of community Pharmacy (CO1)

) What is requirements of legal prescription? (CO1, CO2)

) Define SOP. Write about its developments (CO1)

B) Attempt any FIVE of the following. **(15 Marks)**

Describe scope of community Pharmacy in India (CO1, CO3)

Discuss the relationship of Pharmacist with patients & physician (CO1, CO2)

What is role of community Pharmacist in health care? (CO1)

Discuss how prescription are handled by community pharmacist (CO2, CO3)

What are requirements of good Pharmacy Practice? (CO2, CO3)

What is dispensing errors? (CO2)

1) The quality of good counsellor in patient counselling is ……(CO2, (CO3)

a) Be a good listener b) Be empathetic

c) Be flexible d) All of the above

2) The success of counselling depends on the …. of the counsellor (CO2, (CO3)

a) Language b) Tone

c) Facial expression d) Knowledge and Skill

) GPP emphasizes the importance of (CO1)

a) Generic substitution b) Brand loyalty

c) Medication d) Over the counter Medication only

) What does the Rx symbol in a prescribe stand for? (CO2, (CO3)

a) Racipe b) Remedy

c) Precription d) Take

) How often should SOPs be reviewed and updated in a community pharmacy setting? (CO3)

a) Once a tear b) Once every two years

c) Whenever there is a major incident d) Regularly and as needed

) Which part of the prescription contains the medication name and strength (CO2)

a) Superscription b) Inscription

c) Subscription d) Signa

Define community Pharmacy (CO1)

GPP promote responsible dispensing practices (CO2)

What doses GPP stand for……. (CO2)

) Define OTC Medication(CO3)

FIRST SESSIONAL PRACTICAL EXAMINATION 2023-24

Second Year D. Pharmacy

Subject / Subject Code : Community Pharmacy & Management (20057) **Time : 12.00 PM - 03:00 PM**

Date : 22/10/2024 **Marks : 80 Marks**

Q1) Synopsis . **(10Marks)**

1) Enlist various part of prescription (CO1)

2) What is drug interaction (CO1, CO2)

3) Enlist various legal from of prescription (CO1, CO3)

4) Explain the role of pharmacist in drug interaction (CO1, CO2)

5) How can drug drug-interaction be preventing (CO1, CO2)

Q2) Experiment . **(50 Mark)**

Q2. A) Major Experiment (CO1, CO3) **(30 Marks)**

Aim : To study the review technique of prescription.

Q2.B) Minor Experiment (CO1, CO2) **(20 Marks)**

Aim : To review handling and identify the part of prescription.

Q3) Viva Voce **(20 Marks)**

Q4) Practical maintenance record **(20 Marks)**

Second Year D. Pharmacy

Subject / Subject Code: Biochemistry And Clinical pathology (20223) **Time : 09:30Am – 11.:00 Am**

Day / Date : 23/10/2024 (Wednesday) **Total Marks : 40 Marks**

❖ **Instructions :-**

- **All questions are compulsory.**
- **Illustrate your answers with neat labelled sketches whenever necessary.**
- **Figures to the right indicate full marks.**

Q A) Attempt any <u>THREE</u> of the following. **(15 Marks)**

1) Write about disease related to malnutrition of protein. (CO3)

2) Give Significance of following qualitative test of carbohydrate. (CO5)

a) Fehlings test

b) Seliwaroff test

c) Barfoeds test

d) Benedict test

e) Iodine test

3) What are lipids? Give classification and function of lipids. (CO1)

4) Describe structure and functions of each call oraganells. (CO1)

B) Attempt any <u>FIVE</u> of the following. **(15 Marks)**

What is a Carbohydrate And its fucation. (CO1)

Draw structure of Glucose And Fructose (CO1)

Describe secondary structure of protein. (CO1)

Why mitrochondria called as power house of the cell? (CO1)

Discuss Biological role of the lipid. (CO1)

Draw an animal cell diagram and label it. (CO1)

C) Write One Line Question / Multiple Choice Questions. **(10Marks)**

Called as "Sucidal Bags" of the cell. (CO1)

Which is the power house of the cell? (CO1)

a)Peroxisomes b) Nucleus c) Mitochondria 4) peroxisomes

General Formula of carbohydrate is …… (CO1)

Most Common Disaccharides are..... (CO1)

a) Maltose b) Lactose c) Sucrose d) All of these

What is a composition of Molish Reagent? (CO5)

Define Protein ? (CO1)

Non- Proten Part is called as….. (CO1)

Give examples of lipid. (CO1)

Write full form of VLDL. (CO1)

) Write Functions lipids. (CO1)

SHAHID SITARAM COLLEGE OF PHARMACY, TITAVE

FIRST SESSIONAL PRACTICAL EXAMINATION 2024-25

Second Year D. Pharmacy.

Subject And Subject Code: Biochemistry And Clinical pathology(20223) **Time:** 12:00PM-03:00 PM

Day & Date: 23/10/2024 (Wednesday) **Total Marks:** 80 Marks

Q. 1) Synopsis **(10 Marks)**

1) Define Blood Serum. (CO1)

2) Expalin Conjugated protein with example. (CO1)

3) What precaution to be taken while handling centrifuge. (CO1)

4) Write a note on heat coagulation test. (CO1)

5) Give standard operating procedure for urine collction.(CO1)

Q. 2) Major Experiments **(30Marks)**

Odd : To Identify the given sample of carbohydrate by Qualitative tests. (CO1)

Even : To Identify the given sample of carbohydrate by Qualitative tests.

(sample change) (CO1)

Q. 3 Minor Experiments **(15 Marks)**

To identify the given sample of protein by qualitative test. (CO1)

Q. 4) Viva voce **(10 Marks)**

Q. 5) Practical Record Maintenance **(10 Marks)**

Second Year D. Pharmacy

Subject / Subject Code: Pharmacotherapeutics (20224) **Time: 09:30Am – 11:00 Am**

Day / Date: 24/10/2024 (Thursday) **Marks: 40 Marks**

❖ **Instructions :-**

- **All questions are compulsory.**
- **Illustrate your answers with neat labelled sketches whenever necessary.**
- **Figures to the right indicate full marks.**

Q A) Attempt any THREE of the following. **(15 Marks)**

1) Define STG as per WHO. Write advantage of STG. (Standard Treatment Guidelines) **(CO 1, CO 2)**
2) Describe etiopathogenesis of COPD with its Management. (Chronic Obstructive Pulmonary Disease) **(CO 1, CO 2)**
3) Discuss the clinical manifestation of diabetes mellitus and explain its management. **(CO 1, CO 2)**
4) Write about etiopathogenesis of angina and its pharmacological management. **(CO 1, CO 2)**

Q B) Attempt any FIVE of the following. **(15 Marks)**

1) Give scope and the objective of pharmacotherapeutics. **(CO 1, CO 2)**
2) What is hyperlipidaemia? Discuss pharmacological management of hyperlipidaemia. **(CO 1, CO 2)**
3) Describe pharmacological management of hypertension. **(CO 1, CO 2)**
4) Enlist common causes of heart failure, explain pharmacological management of CHF. **(CO 1, CO 2)**
5) Define emphysema and chronic bronchitis. Mention clinical manifestation of COPD. **(CO 1, C**
6) Explain the classification of Asthma, explain the clinical manifestation of Asthma. **(CO 1, CO**

Q C) Write One Line Question / Multiple Choice Questions. **(10Marks)**

1) Defines rational uses of medicine as per WHO. **(CO 2)**

2) The current NLEM India contains..... Medicines. **(CO 2)**

a) 354 b) 376 c) 399 d) 408

3) Define hypertension. **(CO 2)**

4) Select the first line lipid lowering drug from the following: **(CO 2)**

a) Ezetimibe b) Inclisiran c) Atorvastatin d) Niacin

5) Write any two bronchodilators used to treat Asthma. **(CO 2)**

6) Name any four drugs to treat hyperlipidaemia. **(CO 2)**

7) Write any two classification Asthma. **(CO 2)**

8) What is the full form of COPD? **(CO 2)**

9) Crescendo angina is..... **(CO 2)**

a) Stable angina b) Classical angina

c) Cardiac syndrome x d) unstable angina

10) Select the short- acting β2 agonist among the following drugs: **(CO 2)**

a) Atropine b) Tiotropium c) Terbutaline d) Prednisone

Subject Teacher
[Miss. Akanksha N. Patane]

Exam In Charge
[Ms. A. A. Mahugade]

Principal
Ms. S. D. Mali
Shahid Sitaram College of Pharmacy
Titave, Tal.Radhanagari, Dist.Kolhapur

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FIRST SESSIONAL PRACTICAL EXAMINATION 2024-25

Second Year D. Pharmacy.

Subject And Subject Code : Pharmacotherapeutics (20059) **Time : 12:00PM-03:00 PM**

Day & Date : 24/10/2024 (Thursday) **Total Marks : 80 Marks**

Q. 1) Synopsis **(10 Marks)**

1) What is the full form of SOAP? **(CO 1)**

2) Write the types of Hypertension. **(CO 1)**

3) Write the symptoms of Angina Pectoris. **(CO 1)**

4) Enlist factors affecting on dose. **(CO 1, CO 2)**

5) What is the Young's Formula? **(CO 1, CO 2)**

Q. 2) Experiments **(50 Marks)**

A) Major Experiments **(30 Marks)**

To study the preparation of SOAP (Subjective, Objective, Assessment and Plan) notes for Angina Pectoris. **(CO 1)**

B) Minor Experiments **(20 Marks)**

To perform Dose Calculation for paediatric patient. **(CO 1, CO 2)**

Q. 3) Viva voce **(10 Marks)**

Q. 4) Practical Record Maintenance **(10 Marks)**

Subject Teacher
[Miss. Akanksha N. Patane]

Exam In Charge
[Ms. A.A.Mahajagade]

Ms. S.D. Mali
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Shahid Sitaram College of Pharmacy
Titave, Tal.Radhanagari, Dist.Kolhapur

SHAHID SITARAM COLLEGE OF PHARMACY, [illegible]

FIRST SESSIONAL THEORY EXAMINATION 2023-24

Second Year D. Pharmacy

ject / Subject Code : Hospital and Clinical Pharmacy (20225) Time : 09:30 AM - 11:00 AM

e : 25/10/2024 Marks : 40 Marks

Instructions :-

ll questions are compulsory.

lustrate your answers with neat labelled sketches whenever necessary.

igures to the right indicate full marks.

A) Attempt any <u>THREE</u> of the following. **(15 Marks)**

Define hospital and give typical organogram. (CO1, CO2)

Write a note on inventory control. (CO4)

Give different classification of hospital. (CO1, CO2)

Describe purchase system of a hospital. (CO1, CO2)

B) Attempt any <u>FIVE</u> of the following. **(15 Marks)**

Define PTC and its objective. (CO1)

Describe ABC method of Inventory control. (CO4)

Give difference between a hospital and clinic. (CO1)

What are the ideal storage conditions of medicine? (CO2)

Define out- patients and its classification. (CO2)

Inventory is [illegible]

High turnover rate b) low turnover rate

No turnover rate d) all of above

patient utilizes are the hospital facility by not occupying its bed are called 9 (CO1, CO2)

ut Patient b) In Patient

mergency Patient d) None of above

lium size hospital has a ….. Beds capacity (CO1, CO2)

00 – 200 beds b) 300 – 500 beds

00 – 1000 beds d) More than 1000 beds

total number of copies of purchase order prepare are (CO3)

)5 b) 06

)7 d) 09

mber required for composition of PTC (CO1, CO2)

3 Physician, Pathology, 3 Pharmacists

3 Physician, nursing staff, pharmacies, pathologist

3 Physician, nursing staff, pharmacist, Administrator

3 Physician, 3 pharmacists, Administrator

ow many pharmacists are required for 50 bed hospital? (CO3)

ho is the secretory of PTC? (CO1)

ED Stands for. (CO1, CO2)

lember required for compassion of PTC. (CO3)

Define Formulary. (CO1, CO2)

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FIRST SESSIONAL THEORY EXAMINATION 2024-25

Second Year D. Pharmacy

Subject / Subject Code: Pharmacy Law and Ethics (20226) **Time: 09:30Am – 11:00 Am**

Day / Date: 26/10/2024 (Saturday) **Total Marks: 40 Marks**

❖ **Instructions :-**

- **All questions are compulsory.**
- **Illustrate your answers with neat labelled sketches whenever necessary.**
- **Figures to the right indicate full marks.**

Q A) Attempt any <u>THREE</u> of the following. **(15 Marks)**

1) Discuss the constitution and function of PCI. (CO_2)

2) Write the Qualification for drug inspector and give the procedure of drug inspector in taking samples. (CO_2)

3) Define the term under D & C Act 1940?

a) Adulterated Drugs

b) Misbranded Drugs

Give the Functions of CDL as per D and C Act 1940. (CO_2)

4) Give the procedure for preparing First register and What Qualification required for Entry for first register as per pharmacy Act 1948. (CO_2)

Q B) Attempt any <u>FIVE</u> of the following. **(15 Marks)**

1) Write the Recommendations of Drug enquiry committee. (CO_1)

2) Describe the function of PCI. (CO_2)

3) What are the Powers of Drug Inspector as per D & C Act 1940? (CO_2)

4) Discuss the qualification of Government Analyst. (CO_2)

5) Define Drug and New Drug as per the D and C Act 1940? (CO_2)

6) Write a note on DTAB. (CO_2)

Q C) Write One Line Question / Multiple Choice Questions. **(10Marks)**

1) The Pharmacy Act passed in…….(CO_1)

2) Who has the power to be constitute sate pharmacy council? (CO_2)

a) Central Government b) Central Council

c) State Government d) PCI

3) The drug price control order was amended in year……(CO_1)

a) 1979 b) 1987 c) Both d) 1985

4) The main object of the pharmacy act, 1948 is to…….(CO_2)

5) The secretary of PCI may also act as its? (CO_2)

a) Registrar b) Treasurer c) Both (a) and (b) d) Vice president

6) Pack size of drug is covered under….(CO_2)

a) Schedule P b) Schedule P1 c) Schedule R d) Schedule O

7) Aspirin Sodium comes under ……. (CO_2)

a) Schedule G b) Schedule H c) Schedule J d) Schedule W

8) List of disease or aliments, which a drug may not claim to prevent of cure is Covered under Schedule……. (CO_2)

9) Dettol comes under … (CO_2)

a) Schedule P b) Schedule N c) Schedule Q d) Schedule O

10) DTAB has….. Ex -Officio Member. (CO_2)

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Second
~~**FIRST**~~ **SESSIONAL PRACTICAL EXAMINATION 2024-25**

Second Year D. Pharmacy.

Subject And Subject Code: Hospital and clinical pharmacy (20060) **Time:** 12:00PM-03:00 PM

Day & Date: 10/01/2025 **Total Marks:** 80 Marks

Q. 1) Synopsis **(10 Marks)**

1) State the precautions to be taken during use of ryles tube. (CO 4)

2) What are the uses of oxygen mask. Enlist its types. (CO 4)

3) What are the types of IV sets. (CO 4)

4) Define qualitative and quantitative tests. (CO 2)

5) Define drug interaction and give its type. (CO 5)

Q. 2) Major Experiments (CO 5) **(30Marks)**

To interpret the given laboratory reports for optimization of drug therapy

Case- Miss ABC is a 26- year old women, previously fit and well, admitted with a 2- day history of shaking chills, accompanied by a high fever and pain in the joints and muscles including flank pain which is made worse on movement. She also complains of nausea, loss of appetite and headache.On examination

- Temp- 38.5^0C
- Urine analysis- sign of frank hematuria, and unpleasant odour
- Serum creatinine- 136 micromol/L
- Serum urea- 8.4mmol/L

The doctor ordered a full set of blood tests including U and E, full blood count, urin sample for urinalysis and culture, and a renal ultrasound. A diagnosis of acute bacterial pyelonephritis was made, which was later confirmed when urine culture grew E. coli.

Miss ABC is prescribed ciprofloxacin, initially 400mg twice daily by intravenous infusion, converting after 48 hours to a dose of 500mg twice a day orally for a total of 14 days treatment.

(15Marks)

Q. 3 Minor Experiments (CO 4)

Identify type and use of Ryle's tube.

(10 Marks)

(10 Marks)

Q. 4) Viva voce

Q. 5) Practical Record Maintenance

Ms. S. D. Mali
Subject teacher

Exam Incharge

Ms. S. D. Mali
Principal

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FIRST SESSIONAL Practical EXAMINATION 2023-24

Second Year D. Pharmacy

Subject / Subject Code : Hospital and Clinical Pharmacy (20060) **Time : 12.00 PM - 03:00 PM**

Date : 25/10/2024 **Marks : 80 Marks**

Q1) Synopsis **(10 Mark)**

1) Classified drug information sources. (CO1, CO2)

2) Defie knee cap with its uses (CO2, CO3)

3) Give the type of walker (CO4)

4) What is needle & Syringe (CO4)

5) Enlit the various type of urinary catheters (CO2)

Q2) Experiment

Q2. A) Major Experiment (CO3) **(30Mark)**

Aim : To follow the systematic approach in handling dug information queries using Primary, secondary, tertiary source of information case II.

Q2.B) Minor Experiment (CO4) **(20 Mark)**

Aim : To demonstrate the identification type & use of bandage.

Q3) Viva Voce **(10 Mark)**

Q4) Practical maintenance record **(10Mark)**