



JIJAMATA FOUNDATION

SHREE P. E. (TATYA) PATIL INSTITUTE OF PHARMACY, JALGAON

(D. Pharmacy & B. Pharmacy) (Institute Code: MSBTE: 0642, DTE: 5283)

Gat No. 95/1, ChincholiShivar, Near Airport, Aurangabad Road, Jalgaon (M.S.) 425 003

D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Second
Subject	: Pharmacology	Subject Code	: 20221
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 20/02/2023

I. Answer any **THREE** from the following questions **5 x 2 = 10 Marks**

1. Write in detail pharmacological action, ADR and therapeutic uses of Quinidine?
2. What are antidepressant drugs? Classify them?
3. Give classification of antihypertensive drugs and explain pharmacological action of clonidine?
4. Classify diuretics and explain osmotic diuretics?

II. Answer any **FIVE** from the following questions **5 x 3 = 15 Marks**

1. Add a short note on barbiturate?
2. What are antianginal drugs? Give its classification?
3. Explain in brief vitamin B12 and give its significance?
4. Give pharmacological action of benzothiadiazine?
5. Describe mode of action of irritant and bulk purgative with 01 example of each?
6. Classify anti-tussive drugs with example?

III. Answer **ALL** from the following questions **1 x 10 = 10 Marks**

1. The term _____ refers to decrease in blood oxygen carrying capacity.
2. Hepatic dysfunction means _____
3. _____ is a response that helps to remove irritant from the airways.
4. GERD stands for _____.
5. Spironolactone belongs to _____ class of diuretics.
6. PTP stands for _____.
7. Abnormal increase in blood pressure is called as _____.
8. Cyanocobalamin is the other name for _____
9. _____ is the drug that neutralizes acid in the stomach.
10. Purgative are also referred as _____



JJAMATA FOUNDATION

SHREE P. E.(TATYA) PATIL INSTITUTE OF PHARMACY, JALGAON

(D. Pharmacy & B. Pharmacy) (Institute Code: MSBTE: 0642, DTE: 5283)

Gat No. 95/1, ChincholiShivar, Near Airport, Aurangabad Road, Jalgaon (M.S.) 425 003



JIJAMATA FOUNDATION

SHREE P. E. (TATYA) PATIL INSTITUTE OF PHARMACY, JALGAON

(D. Pharmacy & B. Pharmacy) (Institute Code: MSBTE: 0642, DTE: 5283)

Gat No. 95/1, ChincholiShivar, Near Airport, Aurangabad Road, Jalgaon (M.S.) 425 003

D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Second
Subject	: Community Pharmacy & Management	Subject Code	: 20222
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 21/02/2023

I. Answer any **THREE** from the following questions **5 x 2 = 10 Marks**

1. Define health screening and explain the importance of health screening?
2. Write about role of pharmacist in dispensing of OTC medication?
3. What is the need of counselling in OTC medications? Explain counselling process?
4. Give an account of responsibilities of community pharmacist?

II. Answer any **FIVE** from the following questions **5 x 3 = 15 Marks**

1. Write a note on routine monitoring of patients in Hypertension?
2. Enlist risks associated with OTC medicines?
3. Give the objectives and benefits of SOP?
4. Give example of OTC medicines used for treatment of Common cold?
5. Define the primary and secondary health screening test with two examples?
6. Ex-plain in brief about GPP in India?

III. Answer **ALL** from the following questions **1 x 10 = 10 Marks**

1. Indian OTC drug market currently ranks _____ in the global OTC product market.
2. Bismuth subsalicylate, kaolin, loperamide, lactobacillus are the OTC medication for _____
3. Aspirin can cause _____ .
4. To find the disease condition abnormality in the body before beginning of the symptoms by performing different tests is known as _____
5. Patient taking theophylline, warfarine or phenytoin should not take _____
6. The NSAID used as OTC medicine is _____ .
7. Selection and use of medicine by individuals to treat self recognized illness or symptoms is
8. _____ test is done for screening of hearing loss in a newborn of 0-4 week old.
9. SOP stand for _____ .
10. Acetaminophen is safe but may be dangerous to ___ in higher dose



JIJAMATA FOUNDATION

SHREE P. E. (TATYA) PATIL INSTITUTE OF PHARMACY, JALGAON

(D. Pharmacy & B. Pharmacy) (Institute Code: MSBTE: 0642, DTE: 5283)

Gat No. 95/1, ChincholiShivar, Near Airport, Aurangabad Road, Jalgaon (M.S.) 425 003

D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Second
Subject	: Biochemistry & Clinical Pathology	Subject Code	: 20223
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 22/02/2023

I. Answer any **THREE** from the following questions 5 x 2 = 10 Marks

1. Define Enzyme and Discuss role of Enzymes in Human body?
2. Difference between Competitive & Non Competitive Inhibition?
3. What are Vitamins? How are they Classified?
4. What is Michaelis-Menten equation?

II. Answer any **FIVE** from the following questions 5 x 3 = 15 Marks

1. Give the importance of Metabolism?
2. Draw a flow Diagram of reaction of TCA cycle Discuss it's Importance?
3. Mention the important Minerals Present in the body?
4. Discuss biochemical role and Function of Vit K?
5. Describe Electron Transport Chain (ETC)?
6. Describe biochemical role of Calcium?

III. Answer **ALL** from the following questions 1 x 10 = 10 Marks

1. Proteinous Substance which catalyse the biochemical reaction is called as _____
2. Calcium is excreted by _____
3. Water soluble Vitamins is _____
4. Examples of Ligases enzyme _____
5. What is Scientific name of Vitamin K _____
6. Insulin is Secreted by _____
7. Blood sugar is _____
8. Name the Energy Source of the brain during Starvation _____
9. Blood clotting factor is present in the vitamin _____
10. Insulin is secreted by _____



JIJAMATA FOUNDATION

SHREE P. E. (TATYA) PATIL INSTITUTE OF PHARMACY, JALGAON

(D. Pharmacy & B. Pharmacy) (Institute Code: MSBTE: 0642, DTE: 5283)

Gat No. 95/1, ChincholiShivar, Near Airport, Aurangabad Road, Jalgaon (M.S.) 425 003

D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Second
Subject	: Pharmacotherapeutics	Subject Code	: 20224
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 23/02/2023

I. Answer any **THREE** from the following questions **5 x 2 = 10 Marks**

1. Classify Epilepsy. Give its symptoms. Name any 02 drugs used in its treatment?
2. What is GERD? Enlist its risk factors and symptoms?
3. Write a short note on Iron Deficiency anaemia?
4. Mention causative agent, risk factors, symptoms and diagnosis of Tuberculosis?

II. Answer any **FIVE** from the following questions **5 x 3 = 15 Marks**

1. Give pathophysiology of UTI. Name any 02 antibiotics used for treating UTI?
2. What is Epilepsy? Name any 02 drugs used in Epilepsy?
3. Mention any 02 causative agents, risk factors and symptoms of Pneumonia?
4. Why Levodopa is combined with Carbidopa?
5. Give dose of (a) Azithromycin (b) Aspirin (in stroke) (c) Omeprazole
6. What are causative agents for Inflammatory Bowel Disease?

III. Answer **ALL** from the following questions **1 x 10 = 10 Marks**

1. Amino salicylic acid is used in treatment of _____
2. Drug used in the treatment of Epilepsy is _____ .
3. Cystitis is inflammation of _____
4. GABA stands for _____
5. Primary anti tuberculosis drug is _____.
6. Progressive loss of memory occurs in _____ disease.
7. The common cause of stroke is _____.
8. Example of Proton Pump Inhibitor is _____.
9. In IBD, the organ affected is _____.
10. Iron salt used to treat anaemia is _____



JIJAMATA FOUNDATION

SHREE P. E. (TATYA) PATIL INSTITUTE OF PHARMACY, JALGAON

(D. Pharmacy & B. Pharmacy) (Institute Code: MSBTE: 0642, DTE: 5283)

Gat No. 95/1, ChincholiShivar, Near Airport, Aurangabad Road, Jalgaon (M.S.) 425 003

D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Second
Subject	: Hospital and Clinical Pharmacy	Subject Code	: 20225
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 24/02/2023

I. Answer any **THREE** from the following questions **5 x 2 = 10 Marks**

1. Discuss in short Applications of computers in Hospital Pharmacy?
2. Define clinical pharmacy. Describe role of clinical pharmacist?
3. Write a note on storage of radioactive material and disposal of waste?
4. What is pharmaceutical care? Mention its elements and procedure?

II. Answer any **FIVE** from the following questions **5 x 3 = 15 Marks**

1. What are the essential skills required in patient counseling??
2. Mention any 06 advantages of Pharmacy Operation software?
3. Discuss scope of clinical pharmacy?
4. What is therapeutic drug monitoring system?
5. What are the reasons or risk factors for Adverse Drug Reaction?
6. Discuss computer applications in pharmaceutical management?

III. Answer **ALL** from the following questions **1 x 10 = 10 Marks**

1. _____ radiation has high penetration power.
2. _____ is used in diagnosis of liver tumour.
3. TDM software are used in the _____ .
4. EHR stands for _____.
5. Sedative is a drug which is used to produce _____.
6. Loss of urine, especially at night while sleeping is known as _____.
7. Increased blood pressure is called _____
8. Hora somni means _____.
9. MEDLARS stand for _____.
10. Decrease level of Iron in body produces a disease called _____



JIJAMATA FOUNDATION

SHREE P. E. (TATYA) PATIL INSTITUTE OF PHARMACY, JALGAON

(D. Pharmacy & B. Pharmacy) (Institute Code: MSBTE: 0642, DTE: 5283)

Gat No. 95/1, ChincholiShivar, Near Airport, Aurangabad Road, Jalgaon (M.S.) 425 003

D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Second
Subject	: Pharmacy Law and Ethics	Subject Code	: 20226
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 25/02/2023

I. Answer any **THREE** from the following questions **5 x 2 = 10 Marks**

1. Write the packaging and labeling of food?
2. Write a note on good regulatory practice in hospital pharmacy?
3. Explain the circumstances under which RMP can terminate pregnancy under MTP act and rule?
4. Define clinical trial and explain various phases of clinical trials?

II. Answer any **FIVE** from the following questions **5 x 3 = 15 Marks**

1. Write the difference between law and ethics?
2. Give the formula for calculation of retail price of formulation per DPCO?.
3. Define poison and give the objectives of Poison Act?
4. Name the places approved for termination of pregnancy under MTP act?
5. Write about power to suspend or revoke registration?
6. How a pharmacist can handle the prescription as per the code of pharmaceutical ethics?

III. Answer **ALL** from the following questions **1 x 10 = 10 Marks**

1. Animal welfare board is established by_____
2. FSSAI Stands for_____
3. Medical termination of pregnancy act was passed in the year_____
4. The code of the ethics of pharmacy is developed by_____
5. Guardian is a person who is _____.
6. Chairman of IPC_____
7. Indian veterinary research institute is located at_____.
8. Drug with high absorption have _____ permeability.
9. CDSCO stand for_____.
10. MAPE should not be more than _____