



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	: First
Subject	: Pharmacology	Subject Code	: 20221
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 05/11/2022

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

1. Define miotics with example and give their mechanism of action.
2. Write in detail about absorption of drug.
3. Define, classify and give pharmacological effect of sedative and hypnotics.
4. Discuss in detail about stages of general anesthesia.

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

1. Define pharmacology and write about scope of pharmacology.
2. What are adrenergic agents. Classify them with example.
3. Give an account of pilocarpine as miotic agent.
4. Define the terms: 1) Cholinomimetics 2) Therapeutics Index 3) Pharmacodynamics
5. What are catecholamine drugs and explain its mechanism of action.
6. Define general anesthetics. Give its classification with example.

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

1. Idiosyncratic reaction is related to _____
2. CTZ stands for _____
3. _____ is a disease characterized by increase in intra-ocular tension.
4. _____ agents which reduce the elevated body temperature.
5. Simple diffusion is also called as _____
6. The smooth muscles of the bronchial tubes are constricted which leads to ____ condition.
7. _____ means pupils dilation.
8. The main site of action of benzodiazepine is _____
9. REM stands for _____.
10. Atropine causes _____ by inhibiting the cholinergic nerve supply when injected locally.



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D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: First
Subject	: Community Pharmacy & Management	Subject Code	: 20222
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 07/11/2022

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

1. Define Prescription and explain parts of prescription.
2. Explain barriers to the effective communication.
3. Add a note on dispensing process.
4. Discuss interaction between pharmacist and other health professionals.

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

1. Compare international and Indian scenario of community pharmacy.
2. Define a) Main Label b) Ancillary Label c) Pictograms
3. Define communication skill and give its types.
4. Give the importance and benefits of PPI.
5. Describe counseling content in details.
6. Explain in detail prescription handling.

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

1. _____ was appointed as first American hospital pharmacist.
2. In Rigveda _____ herbs are described for treating diseases.
3. A chemist and druggist diploma was started in _____.
4. An auxiliary label is also called as _____.
5. _____ is the main part of prescription.
6. _____ communication involves use of words to convey information.
7. PPI stands for _____.
8. Tetracycline is contraindicated in _____.
9. WHO published the first international pharmacopoeia in _____.
10. Master degree program in Pharmacy was started at _____.



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Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: First
Subject	: Biochemistry & Clinical Pathology	Subject Code	: 20223
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 09/11/2022

I. Answer any THREE from the following questions

5 x 2 = 10 Marks

1. Explain in brief Watson & Crick model of DNA.
2. Draw a neat labelled diagram of cell & explain its biochemical organization.
3. Define proteins & explain structure of protein.
4. Give biological role of carbohydrate and describe any three qualitative tests.

II. Answer any FIVE from the following questions

5 x 3 = 15 Marks

1. Give the functions of a) Nucleic Acid b) Lipids
2. Explain disease related to malnutrition of proteins.
3. Draw the structure of a) Glucose b) Maltose c) Sucrose
4. Define and classify lipids with example and give any two qualitative test.
5. Describe properties of Triglycerides.
6. Classify amino acids based on chemical nature.

III. Answer ALL from the following questions

1 x 10 = 10 Marks

1. Suicidal bags of the cells are also called as _____
2. The carbohydrates are stored in animals in the form of _____
3. Millons test is used for the identification of _____
4. Proteins are made up of basic units called as _____
5. Dichromic test is used for identification of _____
6. RNA dose not contains _____ nitrogen base.
7. Nucleoproteins refers to _____ type of proteins.
8. _____ coined the term cell
9. _____ is called powerhouse of the cell.
10. Nucleotide contains _____ sugar.



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Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: First
Subject	: Pharmacotherapeutics	Subject Code	: 20224
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 10/11/2022

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

1. Enlist advantages of Essential medicines list and Standard treatment guidelines.
2. Define hypertension. Give its symptoms and management.
3. What is Asthma? Give its trigger factors, etiopathogenesis and symptoms.
4. What are risk factors and symptoms of diabetes? Explain Insulin replacement therapy.

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

1. What is hypothyroidism? Give its symptoms.
2. Describe the types of Angina, its risk factors and diagnosis.
3. Enlist any one use of (a) Metformin (b) Atenolol (c) Salbutamol
4. Write a note on oral anti diabetic drugs.
5. Explain reasons for irrational use of medicines with some examples.
6. State the common causes and any 02 drugs used in treatment of Congestive Heart Failure.

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

1. Study of therapeutic uses and effects of drugs is called _____
2. Normal blood pressure is _____ mm of Hg.
3. WHO list of Essential medicines is published after every _____ years.
4. Insulin is secreted by _____ gland.
5. Streptokinase is used as _____.
6. The example of angiotensin converting enzyme inhibitor is _____
7. Xanthine alkaloids are used in the treatment of _____.
8. The disease produced by increased serum level of cholesterol is _____.
9. _____ is an example of Beta blocker.
10. Less supply of _____ to myocardium causes Angina.



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Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: First
Subject	: Hospital and Clinical Pharmacy	Subject Code	: 20225
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 11/11/2022

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

1. Define hospital and classify based on clinical and non clinical services?
2. Describe purchase and inventory system of hospital?
3. Discuss drug distribution system for IPD patients in hospitals?
4. What is the role of pharmacist in PTC?

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

1. Define formulary and draw the format of formulary?
2. Give organizational structure of hospital?
3. Explain ABC method of inventory control?
4. Describe unit dose dispensing system?
5. Give the responsibilities of hospital pharmacist?
6. Draw layout of hospital pharmacy.?

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

1. NABH standards was established in _____
2. A drug formulary includes the list of _____
3. _____ is the key person to coordinate the PTC process
4. Cold chain products are stored in range of _____
5. Material to be ordered at one time which minimizes cost is called as _____
6. The emergency wards medicines are maintain by _____
7. Narcotic or psychotropic drugs sign (NRx) is denoted in _____ colour
8. Hospital pharmacy procure or purchase the medicines from _____
9. _____ is a life saving drugs
10. VED stands for _____.



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D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: First
Subject	: Pharmacy Law and Ethics	Subject Code	: 20226
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 12/11/2022

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

1. Explain Education Regulation under D and C Act.
2. Explain NDPS ACT and give offences and penalties.
3. Give composition and responsibilities of central authority in D&C act 1948.
4. Write the role of pharmacist in magic remedies and exempted advertisement.

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

1. Differentiate between state pharmacy council and central pharmacy council.
2. Write the duties and responsibilities of drug inspector.
3. Write in short about the member of pharmacy council of India.
4. Write a short note on sales of homoeopathic medicines.
5. Write short note on classes of exempted advertisement.
6. Enlist classes of medicines prohibited from import under D and C Act.

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

1. D.T.A.B stands for _____
2. NDPS act was passed in the year _____
3. The first pharmacy council of India was constituted in _____
4. Laws related to import of drugs are included in _____ act.
5. The ex-officio member of PCI is _____
6. Drug and Magic Remedies Act was enacted in the year _____
7. _____ means bring to India.
8. D&C act was passed to regulate _____ of drugs and cosmetics.
9. A person who is appointed by the government to analyze all procedure is called as _____
10. NDPS stands for _____