



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	: 2023-24	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	: 09/10/2023

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

1. Define NSAIDs. Enlist their two characteristics? Give classification with example.
2. Write in detail pharmacological actions, adverse effects and therapeutic uses of Adrenaline.
3. What are General anaesthetics? Describe in detail the stages of anaesthesia.
4. Give functions of various parts of CNS.

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

1. Define Drug and write classification of drugs with example.
2. Write in brief about various types of drug actions.
3. Write the definition and classification with example of Parasympathomimetics.
4. What are local anaesthetics? Write their ideal characteristics.
5. Define mydriatics and miotics. Write classification with example of drugs used in glaucoma.
6. Define Hypnotics and Sedatives. Give classification with example.

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

1. The neurotransmitter \_\_\_\_\_ is a choline ester.  
a) Acetylcholine    b) Nor-adrenaline    c) Dopamine    d) None of the above
2. The alteration of one drug's impact by the presence of another substance is called \_\_\_\_\_.  
a) Drug Interaction    b) Adverse drug reaction    c) Pharmacovigilance    d) None of the above
3. Cholinergic blocking drugs are also called \_\_\_\_\_.  
a) Parasympatholytics    b) Parasympathomimetics    c) Acetylcholinesterase    d) None of the above
4. \_\_\_\_\_ means the pupil's dilatation.  
a) Miosis    b) Mydriasis    c) Mitosis    d) Meiosis
5. The primary site of drug metabolism is \_\_\_\_\_.  
a) Kidney    b) Stomach    c) Intestine    d) Liver
6. The phenomenon of two medications being used at the same time to facilitate pharmacological reaction is called \_\_\_\_\_.  
a) Antagonism    b) Additive effect    c) Synergism    d) Bioavailability
7. \_\_\_\_\_ are the agents which reduce the appetite.  
a) Antipyretics    b) Anorexiant    c) Analgesics    d) Anti-Inflammatory
8. Minor surgical operations can be performed during \_\_\_\_\_.  
a) Stage of analgesia    b) Stage of surgical anaesthesia  
c) Stage of delirium    d) Stage of respiratory paralysis
9. \_\_\_\_\_ is a powerful anaesthetics that can induce all stages of anaesthesia without producing hypoxia.  
a) Ether    b) Chloroform    c) Ketamine    d) Ethylene
10. \_\_\_\_\_ is a colorless, heavy gas with a distinctive ether-like odor.  
a) Chloroform    b) Halothane    c) Diethyl ether    d) Cyclopropane



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## D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2023-24	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	: 10/10/2023

### I. Answer any THREE from the following questions

5 x 2 = 10 Marks

- 1) Define communication. Name the major elements and explain verbal communication skill
- 2) Give an account of responsibilities of community pharmacist
- 3) Discuss the steps involved in handling of prescription.
- 4) Describe the concept of Good Dispensing Practice

### II. Answer any FIVE from the following questions

5 x 3 = 15 Marks

- 1) Define Main label, Auxillary label and Pictogram.
- 2) Give the type & cause of dispensing errors.
- 3) Describe the principles of communication.
- 4) What is Prescription & Explain Superscription and Inscription
- 5) Give the scope of community pharmacy practice.
- 6) Write a note on SOPs in community pharmacy

### III. Answer ALL from the following questions

1 x 10 = 10 Marks

- 1) \_\_\_\_\_ is represented by a symbol Rx  
a) Inscription b) Transcription c) Subscription d) superscription
- 2) \_\_\_\_\_ is also known as ancillary label, cautionary, advisory label  
a) auxillary label b) main label c) dispensing label d) main & dispensing label
- 3) Community pharmacy is also known as \_\_\_\_\_  
a) Counselling pharmacy b) Dispensing pharmacy c) Retail pharmacy d) none of the above
- 4) GPP stand for \_\_\_\_\_  
a) Good publication practice b) Group pharmacy practice c) Good pharmacy practice d) Growth pharmacy practice
- 5) BID means \_\_\_\_\_  
a) twice a night b) time a day c) twice a day d) all of the above
- 6) \_\_\_\_\_ is a part of prescription which contain names & quantities of prescribed ingredient.  
a) Transcription b) subscription c) signatura d) Inscription
- 7) Sharing a patient information leaflet with the patient is a type of \_\_\_\_\_  
a) Verbal communication b) Non verbal communication c) non consider as communication d) All the above
- 8) Post cibos means \_\_\_\_\_  
a) After food b) Before food c) After a drink d) Before a drink
- 9) Shake well before use is a labelling requirement for \_\_\_\_\_  
a) Suspension b) Emulsion c) Emulsion & Suspension d) All the above
- 10) The minimum qualification for registration as a registered pharmacist is \_\_\_\_\_  
a) Diploma in pharmacy b) Bachelor of pharmacy c) Master of pharmacy d) Doctor of pharmacy



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### D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2023-24	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	: 11/10/2023

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

- 1) Define Biochemistry and Write in Detail the scope of Biochemistry in pharmacy.
- 2) Explain in Detail the classification of Carbohydrates with giving suitable example.
- 3) What are Proteins? Briefly explain their biological function.
- 4) Give the classification of Lipids with example.

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

- 1) Write the biological role of amino acid.
- 2) Define the term Lipids and Fatty acid.
- 3) Discuss the types of composition of Lipoprotein.
- 4) Differentiate between Oil and Fats.
- 5) Write the components of a cell.
- 6) What is the function of Resorcinol?

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

- 1) The proteins are synthesized in -----  
(a) Cell membrane (b) Centrosomes (c) Ribosome (d) Mitochondria.
- 2) The powerhouse of the cell is -----  
(a) Nucleus (b) Cell membrane (c) Mitochondria (d) Lysosomes
- 3) ----- discover the cell  
(a) Schwann (b) Tatum (c) Robert Hooke (d) Debyary
- 4) The polysaccharides are ----  
(a) Oils (b) Acids (c) Protein (d) Polymers
- 5) The sugar found in milk is ----  
(a) Galactose (b) Glucose (c) Fructose (d) Lactose
- 6) Which of the following is reducing sugar-----  
(a) Sucrose (b) Trehalose (c) Fructose (d) Agar
- 7) Starch is a -----  
(a) Polysaccharide (b) Monosaccharide (c) Disaccharide (d) None of these
- 8) Carbonic anhydrase is example of -----  
(a) Lipoprotein (b) Phosphoprotein (c) Metallo protein (d)Chromo protein
- 9) The highest phospholipids content is found in-----  
(a) Chylomicrons (b)VLDL (c) LDL (d) HDL
- 10) Lipids are store in the body mainly in the form of -----  
(a) Phospholipids (b) Glycolipids (c) Triglycerides (d) Fatty acids



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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	: 11/10/2023

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

- (1) Write a short note on Hypertension.
- (2) What are causes and problems of Irrational Use of Medicines?
- (3) Mention types of Diabetes mellitus. Give its risk factors and non-pharmacological management.
- (4) State the signs, symptoms and pharmacological management of Asthma.

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

- (1) Give any 02 signs, symptoms and risk factors for Hyperthyroidism.
- (2) Describe the development process of Standard Treatment Guidelines.
- (3) Classify Antianginals and explain Nitrates.
- (4) Give dose of a) Simvastatin (b) Nifedipin (c) Atenolol
- (5) Enlist any 03 advantages and disadvantages of EML.
- (6) Enumerate the signs and symptoms of COPD. List any 02 drugs used in COPD.

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

- (1) When elasticity of alveolar walls is lost due to cellular damage it is called \_\_\_\_\_  
A) Asthma                      B) Tuberculosis                      C) Emphysema                      D) Hepatitis
- (2) Use of multiple medications is called as -----  
A) Polymedicines                      B) Polypharmacy                      C) Polytherapy                      D) Polydosing
- (3) Lisinopril is used in treatment of \_\_\_\_\_  
A) Hypertension                      B) Diabetes                      C) Thyroidism                      D) COPD
- (4) Pancreas produces \_\_\_\_\_  
A) Aldosterone                      B) Adrenaline                      C) Thymosin                      D) Insulin
- (5) Example of Diuretic is \_\_\_\_\_  
A) Propranolol                      B) Digoxin                      C) Furosemide                      D) Salbutamol
- (6) Symptoms of diabetes includes \_\_\_\_\_  
A) Polydipsia                      B) Polyphagia                      C) Polyuria                      D) All of these
- (7) Methylxanthines are used in \_\_\_\_\_  
A) Hyperlipidemia                      B) Diabetes                      C) Asthma                      D) Angina
- (8) In hyperlipidemia there is increase in the level of \_\_\_\_\_  
A) Glucose                      B) Blood pressure                      C) Creatinine                      D) Cholesterol
- (9) \_\_\_\_\_ is not an example of Antidiabetic drug  
A) Terbutalline                      B) Tolbutamide                      C) Rosiglitazone                      D) Metformin
- (10) \_\_\_\_\_ is used in Congestive Heart Failure  
A) Theophylline                      B) Streptokinase                      C) Digitalis                      D) Prednisolone



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### D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2023-24	Batch Year	: 2022-24
Year	: Second	Sessional	: First
Subject	: Hospital & Clinical Pharmacy	Subject Code	: 20225
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 13/10/2023

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

- 1) What are objectives of hospital?
- 2) Enlist the abilities required for hospital pharmacy, explain any two.
- 3) What is PTC? Describe the role of PTC in drug safety.
- 4) Write the guiding principles while using a hospital formulary.

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

- 1) Write the role of pharmacist in hospital.
- 2) Write the content of hospital formulary.
- 3) Define ICC and function of ICC.
- 4) Describe the procedure for purchasing of drug in the hospital.
- 5) Describe the objectives of inventory control.
- 6) State meaning of: (i) cold (ii) cool (iii) Freeze .

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

- 1) Hospital pharmacy is a \_\_\_\_\_ department in the hospital.  
(a) Pharmacist (b) medicine store (c) department of pharmacist (d) all of the above
- 2) Sewer is the technique of disposal of drugs used for \_\_\_\_\_.  
(a) Concentrated IV fluids (b) narcotics (c) antibiotics (d) anticonvulsants
- 3) Select the number of pharmacists required for a 280 bed size hospital \_\_\_\_\_.  
(a) 5 (b) 8 (c) 10 (d) 3
- 4) The hospital formulary consists of list of \_\_\_\_\_ in hospital.  
(a) Instruments (b) drugs (c) staff (d) patients
- 5) The pharmacist who is member of PTC works as \_\_\_\_\_ of PTC.  
(a) Chairman (b) joint secretary (c) member secretary (d) Head of PTC
- 6) Storage condition, cool indicates \_\_\_\_\_ of the following  
(a) Less than 8°C. (b) from 8°C to 10 °C (c) From 25°C to 40°C (d) from 2°C to 8°C
- 7) \_\_\_\_\_ the pharmacy council of India and published as pharmacy practice regulations.  
(a) 2002 (b) 2015 (c) 2016 (d) 2012
- 8) One of the following is no related to cardiac disorders \_\_\_\_\_.  
(a) LDH (b) AST (c) ALT (d) Cholesterol
- 9) Manage the pharmacy department of a hospital is the responsibility of \_\_\_\_\_.  
(a) Junior pharmacist (b) senior pharmacist (c) chief pharmacists (d) managing director of pharmacy
- 10) The purpose of schedules H1 drugs is to control \_\_\_\_\_.  
(a) sale of drugs (b) sale of narcotics drugs  
(c) use of antibiotics (d) the rampant use of antibiotics



