



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	: Second
Subject	: Pharmacology	Subject Code	: 20221
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 15/01/2024

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

- 1) What is Epilepsy? Write it's types and give classification of Anti-epileptic drugs.
- 2) Give the mechanism of action, pharmacological actions and adverse reactions of monoamine oxidase (MAO) inhibitors.
- 3) Describe acute morphine poisoning and its treatment. Write therapeutic uses of morphine.
- 4) Define Cardiotonic and describe various cardiovascular actions of digitalis.

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

- 1) Define Analeptics. Give the classification of analeptics and write therapeutic uses of amphetamine.
- 2) What is arrhythmia? Write in brief basic actions of anti-arrhythmic drugs.
- 3) Write any 02 pharmacological actions and any 01 adverse effects of major tranquilizers.
- 4) Differentiate between morphine and pethidine.
- 5) What is congestive heart failure (CHF)? Give its two primary causes.
- 6) Define Haematinics. Write in brief treatment of anaemia.

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

- 1) _____ is the most potent of the xanthine alkaloids in terms of CNS effect.
a) Caffeine b) Phenytoin c) Tea d) None of the above
- 2) GFR stands for _____.
a) Glomerular Filtrate Rate b) Glomerular Filtrate Row
c) Glomerular Filtration Rate d) None of the above
- 3) _____ is a natural alkaloid found in the seeds of strychnos nux vomica tree.
a) Lobeline b) Amphetamine c) Leptazol d) Strychnine
- 4) The link between the pons and diencephalon is called _____.
a) Cerebellum b) Medulla Oblongata c) Mid brain d) Spine
- 5) The _____ system carries impulses to the CNS.
a) Afferent b) Neural c) Efferent d) Non of the above
- 6) Example of drug acting through Autonomic nervous system is _____.
a) Procainamide b) Propranolol c) Ester d) Lidocaine
- 7) Example of oral diuretics include _____.
a) Reserpine b) Propranolol c) Thiazides d) Pempidine
- 8) The term _____ refers to a decrease in blood's oxygen carrying capacity.
a) Anaemia b) Algesia c) Pyrexia d) Necrosis
- 9) Cyanocobalamin is the other name for _____.
a) Vitamin D b) Vitamin A c) Vitamin K d) Vitamin B12
- 10) Hepatic dysfunction means _____.
a) Liver dysfunction b) Lung dysfunction c) Kidney dysfunction d) Trachea dysfunction



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D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2023-24	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	: 16/01/2024

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

- 1) Define patient counseling and brief on the steps involved in patient counselling.
- 2) Define medication adherence .Explain factors affecting non adherence.
- 3) Discuss various strategies to overcome medication nonadherence.
- 4) Discuss counseling points for HIV/AIDS patients

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

- 1) List down the guiding principles of community pharmacist for providing healthscreening.
- 2) Discuss various factor affecting blood pressure measurement?
- 3) What are the benefits of health screening?
- 4) What is medication adherence calculation?
- 5) What is BMI? Give its importance.
- 6) Discuss counseling point for diabetic patient.

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

1. Gather principle may be used for. _____
a) Counselling (b) Dispensing (c) Preparing an SOP (d) Complying with regulatory requirements.
2. Ibuprofen is to be taken _____
(a) Before food (b) after food (c) In between meals (d) Anytime.
3. Restricted salt intake is recommended in _____
(a) High blood pressure (b) Low blood pressure (c) Diabetes (d) Asthma
4. Increased concentration of glucose in blood is a sign of _____
a) Diabetes (b) AIDS (c) High blood pressure (d) COPD
5. Asthma is a _____
a) Acute disease (b) Chronic disease (c) Bacterial infectious disease (d) viral infectious disease
6. TB is a _____
(a) Bacterial infection (b) viral infection (c) life style disease (d) none of the above
7. Pill count is a method of measurement of _____.
a) Medication adherence (b) number of units sold
(c) number unit given free (d) number of units consumed
8. If less than 3 dose missed in a period of 30 days ,the adherence rate is _____
a) 50% (b) 70% (c) 80% (d) 95%
9. A community pharmacist can screen _____ for anemia
a)Patients with diabetes (b) all those who have dizziness
(c) all teenagers (d) none of the above
10. Glucometers used in community pharmacy measure blood glucose levels in the _____
(a) Urine (b) Sputum (c) Blood (d) Plasma.



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Acad. Year	: 2023-24	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	: 18/01/2024

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

- (1) Mention the causative agent and symptoms of Tuberculosis. Classify antitubercular drugs.
- (2) What is iron deficiency anaemia? Give its risk factors and treatment.
- (3) Give risk factors, symptoms and non-pharmacological management of GERD.
- (4) Elaborate types of Epilepsy. Give clinical symptoms of Major epilepsy.

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

- (1) Give any 03 risk factors and complications of Urinary tract infection.
- (2) Give the dose of a) Phenytoin (b) Omeprazole (c) Cephalexin
- (3) What are the routes of transmission of HIV?
- (4) Give causative agent of a) Hepatitis A (b) Pneumonia (c) Gonorrhoea
- (5) Write a note on Status epilepticus.
- (6) Mention the causative agent and symptoms of COVID-19.

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

- (1) Most common cause of Peptic ulcer is _____
A) Asthma B) Tuberculosis C) Anaemia D) NSAIDs
- (2) Ulcerative colitis mainly affects -----
A) Colon B) Liver C) Lungs D) Pancreas
- (3) Normal Hemoglobin in males is _____ g/dl
A) 20 B) 13 C) 10 D) 08
- (4) Megaloblastic anaemia is due to deficiency of Vitamin _____
A) B1 B) B2 C) B12 D) B5
- (5) Malaria is spread by _____
A) Mosquitoes B) Flies C) Rats D) Cockroaches
- (6) Symptoms of Alcoholic Liver Disease includes _____
A) Hepatomegaly B) Jaundice C) Liver failure D) All of these
- (7) Meselamine is used in treatment of _____
A) Peptic Ulcer B) IBD C) GERD D) Anaemia
- (8) _____ is a sexually transmitted disease
A) AIDS B) Tuberculosis C) Malaria D) Leprosy
- (9) _____ is not used in treatment of peptic ulcer
A) Omeprazole B) Lansoprazole C) Aspirin D) Pantoprazole
- (10) COVID generally affects _____
A) Liver B) Stomach C) Kidney D) Lungs



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D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2023-24	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	: 19/01/2024

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

- 1) Write a role of clinical pharmacists' and functions of clinical pharmacist.
- 2) Write a note on TPN.
- 3) Explain classification and management of radiopharmaceuticals aids in the hospital.
- 4) Explain electronic health record along with its advantages and disadvantages.

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

- 1) What is patient compliance?
- 2) Define clinical pharmacy and scope of clinical pharmacy.
- 3) Describe the role of computers in TDM.
- 4) Write advantages and disadvantages of IV admixture.
- 5) Write application of radio pharmaceutical.
- 6) Write the uses of computer in hospital pharmacy

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

1. Mixing of methanol & camphor is _____ type of problem.
(a) Quality (b) Stability (c) Dosage form (d) Incompatibility
2. The role of bulk compounding in hospital is minimizing _____.
(a) Prescriptions (b) Error (c) Treatment (d) Compliance.
3. TPN is administered by _____.
(a) IV (b) IM (c) SC (d) Oral
4. _____ of the following radiation have high penetration power
(a) ALPHA (b) BETA (c) GAMMA (d) UV
5. Usually radiopharmaceutical are stored at _____.
(a) 2°C (b) 8°C (c) 25°C (d) 0°C
6. Loss of urine specially at night while sleeping is known as _____.
(a) Enuresis (b) Pyelonephritis (c) Diabetes insipidus (d) Cystitis
7. A raised area on the skin containing fluid is called _____.
(a) Blister (b) Inflammation (c) Acne (d) Pus
8. Dry syrups are _____.
(a) Suspension (b) Emulsion (c) solution (d) None of the above
9. _____ of the following is not a storage device.
(a) CD (b) Em drive (c) Hard drive (d) Pendrive
10. Clinical pharmacist educates _____ for reducing medication error.
(a) Administrator (b) Pharmacist (c) Patients (d) Nurse.



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Acad. Year	: 2023-24	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	: 20/01/2024

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

- 1) Explain about the retail price and ceiling price of scheduled formulation.
- 2) Define and explain the following term according NDPS act 1985
(a) Narcotic commissioner of state (b) NDPS consultative committee (c) International convention.
- 3) What are the power of state govt. to prohibit, regulate & control the operation involved under NDPS act 1985.
- 4) Define the offences & penalties and packaging & labeling of food according to FSSAI act & rules.

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

1. Define advertisement & magic remedy under Drug & Magic Remedies Act 1954
2. Write a note on breeding & stocking of animals.
3. Write the offences & penalties under Poison Act 1919
4. Which categories of the advertisement are prohibited to make as per Drug & Magic Remedies Act 1954?
5. What rule is made to control the possession for the store & sale of specified poison?
6. Write the definitions of (a) Advertisement (b) Food Analyst (c) Infant Food

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

- 1) Name of local body which allows experiment on small animal is _____
(a) IECC (b) IACE (c) IAEC (d) CPCSEA
- 2) The NDPS act was passed in _____
(a) 1955 (b) 1965 (c) 1975 (d) 1985
- 3) Diacetyl morphine is also known as _____
(a) hemp (b) cannabis (c) charas (d) heroin
- 4) Cure for cancer is an example of following advertisement _____
(a) Bonafide (b) permitted (c) exempted (d) prohibited
- 5) _____ members from parliament are present in animal welfare board
(a) 2 (b) 4 (c) 6 (d) 3
- 6) According to the Poison Act _____ is authorized to regulate import of poison
(a) Central Govt. (b) State Govt. (c) poison rehabilitation bureau. (d) None of above
- 7) FSSAI is associated with safety of _____
(a) Food (b) Medicines (c) Surgical products (d) Cosmetics
- 8) Maximum age limit for the chairperson of food authority is _____
(a) 60 (b) 62 (c) 63 (d) 65
- 9) A person who has dependence on any narcotic drug or psychotropic substance is known as _____
(a) Guardian (b) minor (c) addict (d) none of above.
- 10) According to FSSAI, food safety officer should remain _____ parts of sample with him.
(a) 3 (b) 0 (c) 1 (d) 2



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