



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

D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Third
Subject	: Pharmacology	Subject Code	: 20221
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 25/04/2023

I. Answer any THREE from the following questions

5 x 2 = 10 Marks

1. Define Diuretics. Classify Diuretics with example?
2. Explain about Insulin as a hormone?
3. Write in detail about pharmacological effect of Histamine?
4. Add a note on Androgens?

II. Answer any FIVE from the following questions

5 x 3 = 15 Marks

1. Give pharmacology of Oral contraceptives?
2. Write biosynthesis of Prostaglandins?
3. Give two examples of Anti-cancer drugs with their mode of action?
4. Explain Biologicals with examples?
5. Add a short note on Streptomycin?
6. What is Vermifuge? Give examples?

III. Answer ALL from the following questions

1 x 10 = 10 Marks

1. INH stands for _____
a) Isonicotinic acid hydrazide b) Isonicotinic acidic Hydrazide
c) Isonicotinic acetyl Hydrazide d) None
2. Prophylaxis means _____
a) Treatment b) Prevention c) Diagnosis d) Observation
3. Example of Vinca alkaloid is _____
a) Streptomycin b) Vinblastine c) Ketoconazole d) Dopamine
4. PABA Stands for _____
a) Paramino benzene b) Paranaldehyde benzene c) Paramino benzoic acid d) None
5. _____ is potent biogenic amine.
a) Catecholamine b) Xanthenes c) Histamine d) Vincristine
6. Antagonist of folic acid is _____
a) Penicillin b) Dapsone c) Fluconazole d) Methotrexate
7. Busulphan belong to _____ class of drugs.
a) Dopaminergic b) Alkyl sulfonate c) Aminoglycoside d) Beta blocker
8. COX stands for _____
a) Cyclooxygenase b) Cyclopentogenase c) Cyclohexogenase d) None
9. ADH stands for _____
a) Anti dopamine hormone b) Anti diuretic hormone c) Anti dapsone hormone d) None
10. _____ is acute or chronic infection caused by Entamoeba histolytica.
a) Ringworm b) Athletes foot c) Chickenpox d) Amoebic dysentery.



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D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Third
Subject	: Community Pharmacy & Management	Subject Code	: 20222
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 26/04/2023

I. Answer any THREE from the following questions

5 x 2 = 10 Marks

1. Write a brief note on ABC and VED analysis?
2. Describe the concept of financial management?
3. What are the legal requirements to set up a community pharmacy?
4. Discuss in detail vendor selection procedure?

II. Answer any FIVE from the following questions

5 x 3 = 15 Marks

1. What is Inventory? Describe the importance of inventory control?
2. Give the objective of Design and Interior of pharmacy?
3. Discuss type of cash book?
4. Differentiate between balance sheet and profit and loss account?
5. Write a note on m-Health?
6. What are advantages of online pharmacy?

III. Answer ALL from the following questions

1 x 10 = 10 Marks

1. Form 19 C is used for seeking sale license for drug listed in _____.
(a) Schedule C and C1 (b) Schedule G (c) Schedule H1 (d) Schedule X
2. The validity period of sale license is _____.
(a) 1 yr (b) 2yr (c) 3yr (d) Unlimited period
3. ABC analysis is based on _____.
(a) Ordering (b) Consumption (c) Value of items (d) All the above
4. Lead time refers to _____.
(a) Time to get the supply after ordering (b) Ideal time to order supply
(c) Time to order EOQ (d) None of the above
5. Cash memo is the testimony of.....
(a) Purchase record (b) sales record (c) Counselling record (d) None of the above
6. Patient counseling area in pharmacy should have following _____.
(a) Peak flow meter (b) weighing scale (c) Sphygmomanometer (d) all of the above
7. Storage at cold condition indicates _____.
(a) Keeping at below 0°C (b) Keeping at 0° C
(c) Keeping at -0° C to -18° C (d) Keeping at 2° C to 8° C
8. The minimum floor space specified for operating a retail pharmacy is _____.
(a) 5 square meters (b) 10 square meters (c) 15 square meters (d) No minimum area specified
9. Cash memo must have the signature of _____.
(a) Owner (b) Registered pharmacist
(c) Any employee of pharmacy (d) Any one of the above
10. CRM is _____.
(a) Customer relationship management (b) Consumer relationship management
(c) Community rate management (d) All of the above



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Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Third
Subject	: Biochemistry & Clinical Pathology	Subject Code	: 20223
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 27/04/2023

I. Answer any THREE from the following questions

5 x 2 = 10 Marks

1. Discuss Distribution of water in body and its function?
2. Define Biotechnology and describe selected contribution of biotechnology to human welfare?
3. Give the composition and function of blood?
4. What are Platelets? Give the characteristics?

II. Answer any FIVE from the following questions

5 x 3 = 15 Marks

1. Define Dehydration. Give causes of dehydration?
2. Discuss various application of Biotechnology?
3. What is Sickle Cell Anemia?.
4. What are the Advantages of ORS citrate solution and give its Recommended Formula by WHO?
5. Give the different types of Cholesterol?
6. Write a short note on Pathology of blood?

III. Answer ALL from the following questions

1 x 10 = 10 Marks

1. Fluid balance is best Monitored by
A) Daily weight B) Skin turgor C) Capillary refill D) Intake & Output.
2. Water reabsorption is promoted by
A) Epinephrine B) Prolactin C) ADH D) Renin
3. Which is a genetically modified crop?
A) Bt Cotton B) Bt brinjal C) Golden rice D) All
4. Green Biotechnology deals with
A) Agriculture B) Vaccines C) Drug D) Food
5. Presence of Sugar in urine indicates
A) kidney stone B) Diabetes C) Hepatitis D) Proteinuria
6. The Functional unit of Kidney is
A) Medulla B) Neurons C) Nephrone D) Hilum
7. Bile is Secreted by which organ
A) Pancreas B) Liver C) Gall bladder D) Small intestine
8. In kidneys, filtration Process is taking place in the
A) Glomerulus B) Proximal tubules C) Heart D) Spleen
9. The amount of water present in blood Plasma is
A) 99% B) 90-92% C) 10% D) 55%
10. Vitamin essential for blood clotting is
A) Vitamin K B) Vitamin B C) Vitamin C D) Vitamin A



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Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Third
Subject	: Pharmacotherapeutics	Subject Code	: 20224
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 28/04/2023

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

1. Mention risk factors for AIDS and write a brief note on Opportunistic infections?
2. Write a note on COVID-19?
3. What is depression? Give its symptoms. Classify Antidepressant drugs with example?
4. Discuss about risk factors, symptoms and non pharmacological management of Rheumatoid arthritis?

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

1. What are the causes and stages of Eczema?
2. Enlist any 06 measures taken to prevent development of Antimicrobial resistance?
3. Give the stages and treatment of Syphilis?
4. Mention types and symptoms of Psychoses?
5. Mention the risk factors and symptoms of Polycystic ovary disease?
6. What are steps involved in management of Osteoarthritis?

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

1. Reverse transcriptase enzyme is found in _____ virus.
(a) Polio (b) Rabies (c) HIV (d) SARS – COV2
2. Imbalance between cartilage formation and destruction leads to a disease called _____.
(a) Osteoarthritis (b) Gout (c) Muscular dystrophy (d) Rheumatoid arthritis
3. _____ is a skin disease.
(a) SARS (b) Dysmenorrhea (c) Anxiety (d) Psoriasis
4. Selective Serotonin Reuptake Inhibitors are first line drugs in the treatment of _____.
(a) Corona (b) Depression (c) Eczema (d) AIDS
5. Clinical manifestation of Psychoses includes _____.
(a) Delusions (b) Hallucinations (c) Disorganized thought (d) All of these
6. Conjunctivitis is a disease specifically affecting _____.
(a) Eye (b) Ear (c) Nose (d) Mouth
7. Major trigger for Polycystic Ovary Syndrome is _____.
(a) Low estrogen (b) High progesterone (c) Hyperinsulinemia (d) Low prolactin
8. Rheumatoid arthritis is _____ disorder.
(a) Bacterial (b) Viral (c) Congenital (d) Autoimmune
9. In India most common opportunistic infection in HIV patients is _____.
(a) Candida (b) Tuberculosis (c) Pneumonia (d) Toxoplasmosis
10. Obsessive Compulsive Disorder is observed in _____.
(a) Depression (b) Psychoses (c) Mania (d) Anxiety



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Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Third
Subject	: Hospital and Clinical Pharmacy	Subject Code	: 20225
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 29/04/2023

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

1. Explain arsenic poisoning and its treatment?
2. Describe in the detail narcotic drug poisoning?
3. What is antidote? Classify with example?
4. Define drug information service and enlist its 02 objectives?

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

1. Explain mechanism of action and use of BAL and Deferrioxamide?
2. Write the function of Uppsala Monitoring centre?
3. Define medication errors and give its types?
4. Define drug interactions. Discuss any two drug-food interaction with example?
5. What are the sources of drug information in DIC?
6. Define Pharmacovigilance and objectives of Pharmacovigilance?

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

1. NPP particularly asks reports of except _____.
(a) ADR caused by new drug (b) ADR caused by old drug (c) side effects (d) None.
2. Objectives of PVPI include _____.
(a) ADR monitoring (b) Patient monitoring
(c) Create nationwide system to increase patient safety (d) none
3. Poisoning may be caused by:
(a) Drugs (b) Vegetables (c) Chemicals (d) All of the above
4. Ethyl alcohol is used in the treatment of methanol poisoning
(a) True (b) False
5. _____ of the following is not a chelating agent.
(a) BAL (b) EDTA (c) Penicillamine (d) Naloxone.
6. A substance that is not a composition of universal antidote is _____.
(a) Milk of magnesia (b) Magnesium hydroxide (c) Strong tea (d) charcoal
7. BAL is type of _____ antidotes
(a) Mechanical (b) Physiological (c) Chemical (d) Physical
8. _____ is not type of medication error.
(a) Prescription error (b) Omission error (c) Use of OTC drugs (d) none.
9. The MOST common type of medication error is _____.
(a) Administering improper dose (b) Wrong drug (c) Wrong patient (d) None
10. Alkaline dieresis is perform to remove _____.
(a) Strong acid (b) Weak acid (c) Strong base (d) Analgesic



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Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: Second	Sessional	: Third
Subject	: Pharmacy Law and Ethics	Subject Code	: 20226
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 30/04/2023

I. Answer any THREE from the following questions

5 x 2 = 10 Marks

1. Write a note on BASIC Requirement to be fulfilled by the blood bank?
2. Write the aspects related to the manufacturing and sale of the medical devices?
3. What are the offences and penalties under consumer protection act?
4. Write a note on national disaster response force?

II. Answer any FIVE from the following questions

5 x 3 = 15 Marks

1. Define 1) Disaster management 2) Medical devices 3) Patent
2. Write a note on the role of the hospital in blood bank?
3. Give the difference between brand name and generic name?
4. Give the objectives of consumer protection act?
5. Write a note on non patentable interventions?
6. Write a note on blood and blood components?

III. Answer ALL from the following questions

1 x 10 = 10 Marks

1. How long is the patent valid in India _____ .
(a) 30 years (b) 20 years (c) 40 years (d) 60 years
2. The interval between two blood donations is _____.
(a) 6 weeks (b) 8 weeks (c) 10 weeks (d) 12 weeks
3. Patent is a _____.
(a) Real property (b) Common property (c) Public property (d) All
4. The clinical establishment act was passed in _____.
(a) 2010 (b) 2012 (c) 2015 (d) 1980
5. The disease cannot be transmitted through transfusion of blood is _____.
(a) AIDS (b) Hepatitis (c) Malaria (d) Diabetes
6. The national institute of disaster management is located at _____.
(a) Dehradun (b) Chennai (c) Kolkata (d) New Delhi
7. NACO was initiated in the year _____.
(a) 1989 (b) 1990 (c) 1191 (d) 1992
8. Cytotoxic should be placed in the _____.
(a) Yellow container (b) Gray container (c) Red container (d) Black container
9. Power of Central authority is _____.
(a) To promote the rights (b) To enforce the rights
(c) To protects the rights (d) all of the above
10. The Disaster Management Act was passed in _____.
(a) 23 dec.2005 (b) 25 dec.2005 (c) 15 august 2005 (d) 2 oct.2005