



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	: First	Sessional	: First
Subject	: Pharmaceutics	Subject Code	: 20111
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 13/02/2023

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

1. Give in brief the history of the Pharmacopoeia of India?
2. Define container? Write the advantages and disadvantages of glass as material for packaging?
3. Write a note on coloring agents used for pharmaceutical products and enlist its applications?
4. Define size reduction? What are different factors affecting the rate of size reduction?

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

1. Write a note on sweetening agents?
2. What are antimicrobial preservatives? Give examples?
3. Give the advantages and disadvantages of plastic as packing material?
4. What are criteria for selection of packaging material?
5. What are career opportunities in Pharmacy?
6. Give the principle and working of Ball mill?

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

1. _____ is the minimum qualification to enter into the pharmacy profession in India.
2. Father of pharmacy education in India is _____
3. Hermetic containers are also known as _____
4. HDPE stand for _____
5. Glass containers are _____ in nature.
6. Thermosetting plastics are _____.
7. Chelating agents act by _____ mechanism.
8. Antioxidants act by inhibiting _____ mechanism.
9. Type _____ glass is also called lime-silica glass.
10. Metals are used as packaging material for _____.



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D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: First	Sessional	: First
Subject	: Pharmaceutical Chemistry	Subject Code	: 20112
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 14/02/2023

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

1. Write the principle and procedure involved in limit test of Sulphate?
2. Mention the properties, uses and 02 marketed formulations of ferrous sulphate?
3. Describe any five sources of impurities?
4. What are dentifrices? Write two examples of it and give two uses of calcium carbonate?

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

1. Enlist any four ideal characteristics of antacid and give two examples of it?
2. Define the following terms 1) Indicator 2) Titrant 3) Titrant
3. Give properties uses and storage condition of boric acid?
4. Define error and mention any two causes of error?
5. Draw well label diagram of apparatus for limit of Arsenic?
6. Define antiseptic and disinfectant. Give one example of each?

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

1. _____ are the medication used for cleansing of the mouth.
2. A material used to adhere oral mucosa called as _____
3. Boric acid has a _____ action.
4. Example of Cathartic agent is _____ .
5. _____ is a condition in which there is absence of HCL in stomach.
6. _____ agent are used in treatment of anemia .
7. Loss of oxygen in reaction is known as _____ .
8. EDTA is used in _____ titration.
9. The example of Protective agent is _____ .
10. Chlorhexidine gluconate is used as _____.



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D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: First	Sessional	: First
Subject	: Pharmacognosy	Subject Code	: 20113
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 15/02/2023

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

1. Write a note on history of Pharmacognosy?
2. Enlist the parameters for evaluation of crude drug and write any three methods of evaluation?
3. Describe with example any 02 methods of adulteration of crude drugs?
4. Explain pharmacological classification of crude drug with merits and demerits?

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

1. What are different stages of chemotaxonomical investigation?
2. Define Pharmacognosy and write the scope of Pharmacognosy?
3. Differentiate between organised and unorganised crude drug with example?
4. Enlist any 03 sources of drugs with suitable example.?
5. Explain in brief morphological classification of crude drugs?
6. Define the following terms 1.stomatal index 2.pallisade ratio 3.vein islet no.

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

1. _____ is called as Father of Medicine.
2. Examples of Anti cancer natural drug is _____
3. Example of crude drug containing Resin is _____
4. _____ is example of volatile drug
5. Coriander is used as _____
6. Morphological evaluation is also called as _____ evaluation.
7. The Part of clove used I _____.
8. Basic nitrogenous organic products of plant origin are called _____
9. _____ denotes extent of foreign material present in crude drug.
10. The study of form of crude drug is called _____



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D PHARMACY INTERNAL EXAMINATION - THEORY

Acad. Year	: 2022-23	Batch Year	: 2022-24
Year	: First	Sessional	: First
Subject	: Human Anatomy and Physiology	Subject Code	: 20114
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 16/02/2023

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

1. Draw a well labeled diagram of animal cell and explain Nucleus?
2. Classify tissue and explain Epithelial tissue?
3. Name any 05 systems of human body with their organs and main function?
4. Describe the structure of Plasma membrane?

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

1. Define 1) Anatomy (2) Physiology (3) Metabolism
2. Mention 02 characters each of Skeletal, Smooth and Cardiac muscles?
3. Enlist any 06 functions of bones?
4. Draw a structure of synovial joint and name its types?
5. Give 01 function of (1) Ribosome (2) Lysosome (3) Mitochondria
6. Describe neuron with the help of a diagram?

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

1. Arthrology is the scientific study of _____
2. The fundamental structural and functional unit of human body is called _____
3. _____ are present on the surface of rough endoplasmic reticulum.
4. Histamine is produced by _____ cells.
5. The hardest connective tissue of human body is _____
6. Skeletal muscle is also called as _____
7. The fatty material which covers most axons of a nerve cell is _____
8. The longest and strongest bone of human body is _____
9. The part of body near to the front is called _____
10. The organ which is present in cranial cavity is _____



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Subject	: Human Anatomy and Physiology	Subject Code	: 20114
Paper (T/P)	: Theory	Max. Marks	: 40
Time Duration	: 1 hour 30 minutes	Date	: 16/02/2023

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

1. Enlist various indicators of health and explain Any 02 of it?
2. Define demography and explain demographic cycle?
3. Name various methods of family planning and write a note on Condoms?
4. Define health and what are dimensions of health?

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

1. Write the role of pharmacist in family planning?
2. Write the advantages and disadvantages of IUD?
3. Explain the determinants of health in brief?
4. Define disease and disease agents?
5. Define social pharmacy and scope of social pharmacy in improving public health?
6. Explain millennium development goals?

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

1. WHO stands for _____
2. National health policy was launched in _____
3. NDCP stands for _____
4. Male sterilization method is called _____
5. _____ is example of oral contraceptive pill.
6. Ovulation occurs at _____ day of menstrual cycle.
7. Combination pills contains Estrogen and _____
8. Coitus interrupts method is also known as _____
9. Living in peace and harmony with each other in the society is called _____ health.
10. In Copper T the agent which kills sperms is _____