

List of Practical's
1ST Semester

BP107P Human Anatomy and Physiology Practical

Sl. No.	List of the Experiment
1	Study of compound microscope
2	Microscopic study of epithelial and connective tissue
3	Microscopic study of muscular and nervous tissue
4	Identification of axial bones
5	Identification of appendicular bones
6	Introduction to hemocytometry
7	Enumeration of white blood cell (WBC) count
8	Enumeration of total red blood corpuscles (RBC) count
9	Determination of bleeding time
10	Determination of clotting time
11	Estimation of hemoglobin content
12	Determination of blood group
13	Determination of erythrocyte sedimentation rate (ESR)
14	Determination of heart rate and pulse rate
15	Recording of blood pressure

BP108P Pharmaceutical Analysis I– Practical

Sl. No.	List of Experiments
1	Limit test for chloride
2	Limit test for sulphate
3	Limit test for iron
4	Limit test for arsenic
5	Preparation and standardization of 0.1 N NaOH
6	Preparation and standardization of 0.1 M H ₂ SO ₄
7	Preparation and standardization of 0.1 M Sodium thiosulphate
8	Preparation and standardization of 0.02 M Potassium permanganate
9	Preparation and standardization of 0.1 M Ceric ammonium sulphate
10	Preparation and standardization of 0.1 M Perchloric acid
11	Assay of ammonium chloride
12	Assay of boric acid
13	Assay of calcium gluconate
14	Assay of copper sulphate
15	Assay of hydrogen peroxide
16	Assay of sodium benzoate
17	Assay of ferrous sulphate
18	Assay of sodium chloride by precipitation titration
19	Assay of strong acid against strong base by conductometric titration

BP109P. PHARMACEUTICSI (Practical)

Sl. No.	List of Experiments
	Instructions
	Syrups
1	Simple Syrup IP 1966
2	Compound Ferrous Phosphate Syrup IP 1955
	Elixirs
3	Piperazine Citrate Elixir BPC
4	Paracetamol Paediatric Elixir BPC
	Linctuses
5	Terpin Hydrate Linctus IP 1966
6	Iodine Throat Paint
	Solutions
7	Strong Solution of Ammonium Acetate IP 1966
8	Cresol with Soap Solution IP 1966
9	Lugol's Solution (Aqueous Iodine Solution IP 1966)
	Suspensions
10	Calamine Lotion IP 1966
11	Magnesium Hydroxide Mixture BP 1993
12	Aluminium Hydroxide Gel
	Emulsions
13	Turpentine Liniment IP 1966
14	Liquid Paraffin Emulsion
	Powders
15	Oral Rehydration Salts
16	Effervescent Granules
17	Dusting Powder
18	Divided Powder
	Suppositories
19	Glycero Gelatin Suppositories IP 1966
20	Bismuth Subgallate Suppositories BPC
21	Zinc Oxide Suppositories
	Ointments
22	Sulphur Ointment BP 1980
23	Non-Staining Iodine Ointment BPC
24	Aceclofenac Carbopol Gel
	Gargles and Mouthwashes
25	Povidone-Iodine Gargles
26	Chlorhexidine Gluconate Mouthwash

BP110P Pharmaceutical Inorganic Chemistry Practical

Sl. No.	Experiment
	Part – 1: LIMIT TESTS
1	Limit test for Chlorides
2	Limit test for Sulphates
3	Limit test for Iron
4	Limit test for Heavy Metals
5	Limit test for Lead
6	Limit test for Arsenic
7	Modified Limit test for Chlorides & Sulphates (NaHCO_3)
8	Modified Limit test for Chlorides & Sulphates (KMnO_4)
	Part – 2: PREPARATIONS
9	Boric Acid
10	Ferrous Sulphate
11	Potash Alum
	Part – 3: TEST FOR PURITY
12	Swelling Power of Bentonite
	Part – 4: IDENTIFICATION OF CATIONS AND ANIONS
13	Sodium, Potassium, Calcium, Iron
14	Bicarbonate, Chlorides, Sulphate, Iodides