

List of Practical's
5th Semester

BP506P Industrial Pharmacy I– Practical

Sl. No.	Experiment
1	Preformulation study on paracetamol/aspirin or any other drug
2	Preparation of paracetamol tablets
3	Evaluation of paracetamol tablets
4	Preparation of aspirin tablets
5	Evaluation of aspirin tablets
6	Formulation of film-coated tablets of paracetamol
7	Preparation and evaluation of tetracycline capsules
8	Preparation of calcium gluconate injection
9	Preparation of ascorbic acid injection
10	Quality control test (as per IP) of marketed tablets and capsules
11	Preparation of eye ointments
12	Preparation of atropine eye drops
13	Preparation of cold cream
14	Preparation of vanishing cream
15	Evaluation of glass containers (as per IP)

BP507P Pharmacology II–Practical

Sl. No.	List of Experiments
1	Introduction to in-vitro pharmacology and physiological salt solutions
2	Effect of drugs on isolated frog heart
3	Effect of drugs on normal and hypodynamic perfused frog heart
4	Effect of drugs on blood pressure and heart rate of dog
5	Study of diuretic activity of drugs using rats/mice (Lipschitz test)
6	Dose response curve (DRC) of acetylcholine using frog rectus abdominis muscle
7	Effect of physostigmine on DRC of acetylcholine using frog rectus abdominis muscle and rat ileum
8	Effect of atropine on DRC of acetylcholine using frog rectus abdominis muscle and rat ileum
9	Study of drugs on locomotor activity using actophotometer
10	Bioassay of oxytocin using rat uterine horn by interpolation method
11	Study of anti-inflammatory property of indomethacin against carrageenan-induced acute paw oedema in rats
12	Study of analgesic effect of morphine in mice using hot plate method
13	Study of analgesic effect of morphine in mice using tail flick method
14	Study of analgesic effect of morphine against acid-induced writhing in mice

BP508P Pharmacognosy II–Practical

Sl. No.	Name of Experiment
	Morphology of Crude Drugs
1	Cinchona
2	Cinnamon
3	Senna
4	Clove
5	Ephedra
6	Fennel
7	Coriander
	Isolation of Phytoconstituents
8	Isolation of caffeine from tea dust
9	Isolation of diosgenin from Dioscorea
10	Isolation of sennosides from Senna
11	Isolation of atropine from Belladonna
	Chromatography
12	Thin layer chromatography of herbal extracts
13	Separation and identification of sugars by paper chromatography
14	Distillation of volatile oils and detection of phytoconstituents by TLC
	Analysis of Crude Drugs by Chemical Tests
15	Asafoetida, Benzoin
16	Aloes, Myrrh, Colophony