

PHARMACOLOGY AND TOXICOLOGY PRACTICAL

INDEX

SR. NO.	EX. NO.	AIM OF EXPERIMENTS	DATE	PAGE NO.	SIGNATURE OF TEACHER
1.	1.	GENERAL INTRODUCTION OF PHARMACOLOGY AND EXPERIMENTAL PHARMACOLOGY		1 – 2	
2.	2.	INTRODUCTION OF ANIMAL USED FOR EXPERIMENTAL PHARMACOLOGY		3 – 5	
3.	3.	INTRODUCTION OF COLLECTION OF BLOOD SAMPLE FROM EXPERIMENTAL ANIMALS		6 – 11	
4.	4.	INTRODUCTION OF ADMINISTRATION OF DRUGS IN EXPERIMENTAL ANIMALS		12 – 14	
5.	5.	TO STUDY THE EQUIPMENTS USED FOR ISOLATED AND PERFUSED FROG HEART IN EXPERIMENTAL PHARMACOLOGY		15 – 25	
6.	6.	TO STUDY THE EFFECT OF K ⁺ , CA ⁺⁺ , ACETYLCHOLINE AND ADRENALINE ON FROG'S HEART		26 – 29	
7.	7.	TO STUDY THE DOSE RESPONSE CURVE OF ACETYLCHOLINE ON RECTUS ABDOMINAL MUSCLES OF FROG		30 – 32	
8.	8.	TO STUDY THE DOSE RESPONSE CURVE OF ACH USING RAT ILEUM		33 – 35	
9.	9.	TO STUDY THE EFFECTS OF VARIOUS DRUGS ON RABBIT EYE		36 – 37	
10.	10.	TO STUDY THE ACTION OF STRYCHNINE ON FROG		38	
11.	11.	TO STUDY THE EFFECT OF DIGITALIS ON FROG HEART		39	
12.	12.	TO STUDY THE EFFECT OF HYPNOTICS IN MICE		40 – 41	
13.	13.	TO STUDY THE ANTI CONVULSIVE OR ANTIEPILEPTIC ACTIVITY OF DRUG USING MAXIMUM ELECTROCONVULSIVE SHOCK SEIZURE (M. E. S) AND CHEMICAL INDUCE CONVULSIONS METHODS		42 – 46	
14.	14.	TO STUDY THE PYROGEN TEST OF GIVEN SAMPLE		47 – 49	

PHARMACOLOGY AND TOXICOLOGY PRACTICAL

15.	15.	TO STUDY THE TAMING EFFECTS OF CHLORPROMAZINE IN RATS AND MICE OR TO STUDY THE EFFECTS OF CHLORPROMAZINE ON APOMORPHINE INDUCED COMPULSIVE BEHAVIOUR		50 – 52	
16.	16.	TO STUDY THE ANTI-ASTHMATIC EFFECT OF DIPHENHYDRAMINE ON GUINEA PIG		53	
17.	17.	TO STUDY THE TIME REQUIRED FOR INDUCTION AND RECOVERY FROM VARIOUS VOLATILE GENERAL ANESTHESIA IN RAT		54	
18.	18.	EVALUATION OF ANALGESIC EFFECT IN RAT OR MICE		55 – 60	
19.	19.	TO STUDY THE ANTI-INFLAMMATORY PROPERTIES OF INDOMETHACIN AGAINST CARRAGEENAN INDUCED ACUTE PAW OEDEMA IN RAT		61 – 62	
20.	20.	TO STUDY THE CNS DEPRESSANT PROPERTY OF DIAZEPAM ON THE LOCOMOTOR ACTIVITY OF MICE USING ACTOPHOTOMETER OR PHOTOACTOMETER (ACTIVITY CAGE)		63 – 64	
21.	21.	TO STUDY THE EFFECT OF VARIOUS TRANQUILIZERS AND SEDATIVES ON MOTOR CO-ORDINATION BY ROTAROD TEST IN MICE		65 – 66	
22.	22.	TO STUDY THE DRUG INDUCED (HALOPERIDOL) CATATONIA IN RATS OR TO STUDY THE ANTI-PARKINSONISM DRUGS IN RATS		67 – 68	
23.		MULTIPLE CHOICE QUESTION		-	
24.		SHORT QUESTION FOR ANSWER		-	
25.		REFERENCES		-	

REMARKS:

1. Experiments number 1 to 16 are as per the practical syllabus of D. Pharm 2nd Year
2. Experiments number 17 to 22 are for the knowledge purpose as per the theory syllabus of D. Pharm 2nd Year.