

KENDRIYA VIDYALAYA GUMLA

ACTIVITIES CONDUCTED IN THE LABORATORY UNDER PHYSICS AND CHEMISTRY

ACTIVITIES CONDUCTED IN THE LABORATORY UNDER CHEMISTRY				
S.No.	No. of Student	Class	Name of Activity	Objective
1	18	12	TITRATION OF MOHRS SALT V/S KMnO_4	STUDENTS ARE ABLE TO FIND STRENGTH OF UNKNOWN SOLUTION , COLOUR CHANGE OF INDICATOR IN DIFF MEDIUM
2	18	12	TITRATION OF MOHRS SALT V/S OXALIC ACID	STUDENTS ARE ABLE TO FIND STRENGTH OF UNKNOWN SOLUTION , COLOUR CHANGE OF INDICATOR IN DIFF MEDIUM
3	18	12	PREPARATION OF PURE CRYSTAL OF POTASS ALUM	STUDENTS ARE ABLE TO FIND THE COLOUR AND SHAPE OF CRYSTAL
4	18	12	PREPARATION OF PURE CRYSTAL OF MOHRS SALT	STUDENTS ARE ABLE TO FIND THE COLOUR AND SHAPE OF CRYSTAL
5	18	12	PREPARATION OF PURE CRYSTAL OF POTASSIUM FERRRIC ACETATE	STUDENTS ARE ABLE TO FIND THE COLOUR AND SHAPE OF CRYSTAL
6	18	12	IDENTIFICATION OF ACID AND BASE RADICAL	STUDENTS ARE ABLE TO FIND THE ANION AND CATION PRESENT IN SALT
7	18	12	EFFECT OF PH ON DICHROMATE ION	STUDENTS ARE ABLE TO FIND THE COLOUR CHANGE IN ACIDIC AND BASIC MEDIUM
8	18	12	SILVER MIRROR TEST	STUDENTS ARE ABLE TO DIFFERENCIATE BETWEEN ALDEHYDE AND KETONE
9	18	12	SODIUM BICARBONATE TEST	STUDENTS ARE ABLE TO FIND PRESENCE CARBOXYLIC GROUP
10	18	12	CHARACTERSTIC TEST OF CARBOHYDRATES , FATS, PROTEIN IN DIFF FOOD STUFF	STUDENTS ARE ABLE TO FIND PRESENCE OF CARBOHYDRATES , FATS, PROTEIN IN DIFF FOOD STUFF
11	74	10	REACTION OF METAL WITH ACID	STUDENTS ARE ABLE TO KNOW ABOUT DISPLACEMENT REACTION
12	74	10	REACTION OF SODIUMCHLORIDE WITH SILVERNITRATE	STUDENTS ARE ABLE TO KNOW ABOUT DOUBLE DISPLACEMENT REACTION
13	74	10	ADDITION OF ACID INTO WATER	STUDENTS ARE ABEL TO KNOW ABOUT THE EXOTHERMIC REACTION
14	74	10	IDETIFICATION OF ACID AND BASE BY USING DIFFERENT INDICATOR (TURMERIC, CHINA ROSE, LITMUS PAPER)	STUDENTS ARE ABLE TO KNOW ABOUT THE DIFF COLOUR OF INDICATOR IN DIFFERENT MEDIUM AND BY CHANGE IN COLOUR ARE ESSILY IDETIFY THE ACID AND BASIC NAUTRE

15	74	10	REACTION OF METAL WITH ACID	STUDENTS ARE ABLE TO FIND THE RELEASE OF HYDROGEN GAS , BY POP SOUND
16	74	10	DIFFERENT MODELS OF COVALENT COMPOUND BY USING CLAY AND STICK	STUDENTS ARE ABLE TO KNOW ABOUT THE DIFF STRUCTURE OF COVALENT COMPOUND

*****All the Best*****