

RK VIGYAN PG COLLEGE KALWAR JAIPUR, RAJ.
B.SC 2ND SEMESTER CHEMISTRY PRACTICAL

S.N	PAPER (I, II,) NAME	UNIT	TOPIC	VIDEO LINK
1		Inorganic chemistry	Determination of alkali content in antacid tablet using HCL	https://youtu.be/lCSsKis0Zmo?si=flQbAoB1XtY2N8dE
2			Determination of acetic acid in commercial vinegar using NaOH	https://youtu.be/Z9zKsxepGLQ?si=k1OWaSP3r0ntlxlrl
3			Estimation of hardness of water by EDTA	https://youtu.be/56P9ggFXtZ4?si=0UMOTtHGUSIJs7jp
4			Estimation of hardness of water by EDTA	https://youtu.be/237C9wtxc_Q?si=jkyji6r2LS4weBLA
5			Estimation of hardness of water by EDTA	https://youtu.be/85tMHHOj7PU?si=ixs0xjRs7rmaAZkZ
6			Estimation of ferrous and ferric by dichromate /permanganate method	https://youtu.be/m55bbYzvhjA?si=CXQcSQva_etkool8
7			Estimation of copper using thiosulphate by isometric method	https://youtu.be/jlWPg9MNWSw?si=FtjRshnRXzRlAvu
8		Organic chemistry practical	Identification of organic compound through the function group analysis	https://youtu.be/3DH6GQVDouo?si=Bl9bNUa4BKq2dp2y
9			Functional groups aldehyde and ketones test	https://youtu.be/OtHgBUS31QM?si=ztasypLlw7A8A4MK
10			Functional groups ester test	https://youtu.be/BUker3H93d4?si=jr4LqBFq9YilbCkp
11			Functional groups alcohol test	https://youtu.be/u7lUbxkhXBQ?si=8wDcue3WDi5A8Ljw
12			Functional groups aniline	https://youtu.be/FEa7Akf730A?si=jVXOmR4HoJ2tFGKi

13			Functional group nitro test	https://youtu.be/wJRCx55MYTE?si=POLgR2yapQ3q_C_g
14			Functional groups amines test	https://youtu.be/L3fakNmzdts?si=i_54agGRxEwm2-4v
15			Functional groups carbohydrates test	https://youtu.be/NpKSho8E7Ms?si=nZvrRHsRuxmRyaxq
16			Functional groups test for carboxylic acid	https://youtu.be/euL_NWZ34Z8?si=WwYFCsFPbV_2kq8e
17			Functional groups amide test	https://youtu.be/rKC6QNUm9Qg?si=JvynWJunndAEI8jz
18		Physical chemistry practical	To determine the specific reaction rate of hydrolysis of methyl acetate ethyl acetate catalyzed by hydrogen ions at room temperature	https://youtu.be/tuz5LuEmjm0?si=wWF9jZk9gwVFc4r2
19			To study the effect of acid strength on the hydrolysis of ester.	https://youtu.be/YbFdRFdkG3s?si=kpzxd9kzS2dN7KIJ
20			To compare the strength of HCl and H ₂ SO ₄ by studying the Kinetics of hydrolysis of ethyl acetate	https://youtu.be/70SEj-YaNdl?si=08G-cU971hpi-8sQ
21			To Study kinetically the reaction rate of decomposition of iodide by H ₂ O ₂	https://youtu.be/JXXjv4MXZyU?si=wNx8qlOBmvWyQz0T
22			Estimation of calcium content in chalk as calcium oxalate by permanganometry.	https://youtu.be/eV-OoCiOTg0?si=_gqfdB6COYmenFqU
23			To Study kinetically the reaction rate of decomposition of iodide by H ₂ O ₂	https://www.youtube.com/live/t9wa1MB-4Eg?si=IzakQZYHykvj_jLS