MHARANA PRATAP P.G. COLLEGE, JUNGLE DHUSAN, GORAKHPUR

Class: B.Sc. I (Semester III) **Lesson Plan: 2022-23** **Subject: Zoology Practical**

Date	Lecture No.	Teacher's Name	Paper/ Unit	Chapter	Topic
16.8.2022		R.N.Singh/ SK/VKS	I	Bioinstrumentation & Molecular Biology Lab	To study the working principle of Simple, Compound and Binocular microscope.
16.8.2022		R.N.Singh/ SK/VKS			To study the working principle of Simple, Compound and Binocular microscope.
17.8.2022		R.N.Singh/ SK/VKS			To study the working principle of Simple, Compound and Binocular microscope.
17.8.2022		R.N.Singh/ SK/VKS			To study the working principle of Simple, Compound and Binocular microscope.
23.8.2022		R.N.Singh/ SK/VKS			To study the working principle of Simple, Compound and Binocular microscope.
23.8.2022		R.N.Singh/ SK/VKS			To study the working principle of various lab equipments such as pH meter, Electronic balance, Vortex mixer, use of glass and micropipettes, Laminar flow, Incubator shaker, Waterbath, Centrifuge, Chromatography apparatus etc.
24.8.2022		R.N.Singh/ SK/VKS			To study the working principle of various lab equipments such as pH meter, Electronic balance, Vortex mixer, use of glass and micropipettes, Laminar flow, Incubator shaker, Waterbath, Centrifuge, Chromatography apparatus etc.
24.8.2022		R.N.Singh/ SK/VKS			To study the working principle of various lab equipments such as pH meter, Electronic balance, Vortex mixer, use of glass and micropipettes, Laminar flow, Incubator shaker, Waterbath, Centrifuge, Chromatography apparatus etc.
6.9.2022		R.N.Singh/ SK/VKS			To study the working principle of various lab equipments such as pH meter, Electronic balance, Vortex mixer, use of glass and micropipettes, Laminar flow, Incubator shaker, Waterbath, Centrifuge, Chromatography apparatus etc.
6.9.2022		R.N.Singh/ SK/VKS			To study the working principle of various lab equipments such as pH meter, Electronic balance, Vortex mixer, use of glass and micropipettes, Laminar flow, Incubator shaker, Waterbath, Centrifuge, Chromatography apparatus etc.

7.9.2022		R.N.Singh/ SK/VKS	II		To prepare solutions and buffers.
7.9.2022		R.N.Singh/ SK/VKS			To prepare solutions and buffers.
13.9.2022		R.N.Singh/ SK/VKS			To prepare solutions and buffers.
13.9.2022		R.N.Singh/ SK/VKS			To prepare solutions and buffers.
20.9.2022		R.N.Singh/ SK/VKS			To prepare solutions and buffers.
20.9.2022		R.N.Singh/ SK/VKS			To prepare solutions and buffers.
21.9.2022		R.N.Singh/ SK/VKS			To prepare solutions and buffers.
21.9.2022		R.N.Singh/ SK/VKS			To prepare solutions and buffers.
27.9.2022		R.N.Singh/ SK/VKS			To prepare solutions and buffers.
27.9.2022		R.N.Singh/ SK/VKS			To prepare solutions and buffers.
28.9.2022		R.N.Singh/ SK/VKS			To learn the working of colorimeter and Spectrophotometer.
28.9.2022		R.N.Singh/ SK/VKS			To learn the working of colorimeter and Spectrophotometer.
11.10.2022		R.N.Singh/ SK/VKS			To learn the working of colorimeter and Spectrophotometer.
11.10.2022		R.N.Singh/ SK/VKS			To learn the working of colorimeter and Spectrophotometer.
12.10.2022		R.N.Singh/ SK/VKS			Demonstration of differential centrifugation to fractionate different components in a mixture.
12.10.2022		R.N.Singh/ SK/VKS			Demonstration of differential centrifugation to fractionate different components in a mixture.
18.10.2022		R.N.Singh/ SK/VKS			Demonstration of differential centrifugation to fractionate different components in a mixture.
18.10.2022		R.N.Singh/ SK/VKS			Demonstration of differential centrifugation to fractionate different components in a mixture.
19.10.2022		R.N.Singh/ SK/VKS			Demonstration of differential centrifugation to fractionate different components in a mixture.
19.10.2022		R.N.Singh/ SK/VKS	III		To prepare dilutions of Riboflavin and verify the principle of spectrophotometer.
1.11.2022		R.N.Singh/ SK/VKS			To prepare dilutions of Riboflavin and verify the principle of spectrophotometer.
1.11.2022		R.N.Singh/ SK/VKS			To prepare dilutions of Riboflavin and verify the principle of spectrophotometer.
2.11.2022		R.N.Singh/ SK/VKS			To prepare dilutions of Riboflavin and verify the principle of spectrophotometer.

2.11.2022		R.N.Singh/ SK/VKS			To prepare dilutions of Riboflavin and verify the principle of spectrophotometer.
9.11.2022		R.N.Singh/ SK/VKS			To identify different amino acids in a mixture using paper chromatography.
9.11.2022		R.N.Singh/ SK/VKS			To identify different amino acids in a mixture using paper chromatography.
15.11.2022		R.N.Singh/ SK/VKS			To identify different amino acids in a mixture using paper chromatography.
15.11.2022		R.N.Singh/ SK/VKS			To identify different amino acids in a mixture using paper chromatography.
16.11.2022		R.N.Singh/ SK/VKS			To estimate amount of DNA using spectrophotometer.
16.11.2022		R.N.Singh/ SK/VKS			To estimate amount of DNA using spectrophotometer.
22.11.2022		R.N.Singh/ SK/VKS			To estimate amount of DNA using spectrophotometer.
22.11.2022		R.N.Singh/ SK/VKS			To estimate amount of DNA using spectrophotometer.
23.11.2022		R.N.Singh/ SK/VKS			Revision
23.11.2022		R.N.Singh/ SK/VKS			Revision
29.11.2022		R.N.Singh/ SK/VKS			Revision
29.11.2022		R.N.Singh/ SK/VKS			Revision
30.11.2022		R.N.Singh/ SK/VKS			Revision
30.11.2022		R.N.Singh/ SK/VKS			Revision