

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

Class: B.Sc. II Semester

Lesson Plan: 2024-25

Subject: Zoology Practical

Date	Lecture No.	Teacher's Name	Paper/ Unit	Topic
01.02.2025		RN Singh/ SK	I	Estimation of haemoglobin using Sahli's haemoglobinometer
		RN Singh/ SK		Estimation of haemoglobin using Sahli's haemoglobinometer
7.02.2025		RN Singh/ SK		Preparation of haemin and haemochromogen crystals
		RN Singh/ SK		Preparation of haemin and haemochromogen crystals
8.02.2025		RN Singh/ SK		Recording of blood pressure using a sphygmomanometer
		RN Singh/ SK		Recording of blood pressure using a sphygmomanometer
14.02.2025		RN Singh/ SK		Recording of blood glucose level by using glucometer
		RN Singh/ SK		Recording of blood glucose level by using glucometer
15.02.2025		RN Singh/ SK		Preparation of molecular models of amino acids, dipeptides etc.
		RN Singh/ SK		Preparation of molecular models of amino acids, dipeptides etc.
21.02.2025		RN Singh/ SK	II	Study of permanent slides of Mammalian skin, Cartilage, Bone
		RN Singh/ SK		Study of permanent slides of Mammalian skin, Cartilage, Bone
22.02.2025		RN Singh/ SK		Spinal cord, Nerve cell, Pituitary, Pancreas, Testis, Ovary, Adrenal, Thyroid and Parathyroid
		RN Singh/ SK		Spinal cord, Nerve cell, Pituitary, Pancreas, Testis, Ovary, Adrenal, Thyroid and Parathyroid
28.02.2025		RN Singh/ SK		Recording of simple muscle twitch with electrical stimulation (or Virtual)
		RN Singh/ SK		Recording of simple muscle twitch with electrical stimulation (or Virtual)
1.03.2025		RN Singh/ SK		Demonstration of the unconditioned reflex action (Deep tendon reflex such as knee jerk reflex)
		RN Singh/ SK		Demonstration of the unconditioned reflex action (Deep tendon reflex such as knee jerk reflex)
7.03.2025		RN Singh/ SK	III	Ninhydrin test for -amino acids.
		RN Singh/ SK		Ninhydrin test for -amino acids.
8.03.2025		RN Singh/ SK		Benedict's test for reducing sugar and iodine test for starch.
		RN Singh/ SK		Benedict's test for reducing sugar and iodine test for starch.
21.03.2025		RN Singh/ SK		Test for sugar and acetone in urine.
		RN Singh/ SK		Test for sugar and acetone in urine.
22.03.2025		RN Singh/ SK		Qualitative tests of functional groups in carbohydrates, proteins and lipids.
		RN Singh/ SK		Qualitative tests of functional groups in

				carbohydrates, proteins and lipids.
1.04.2025		RN Singh/ SK		Paper chromatography of amino acids.
		RN Singh/ SK		Paper chromatography of amino acids.
4.04.2025		RN Singh/ SK		Action of salivary amylase under optimum conditions
		RN Singh/ SK		Action of salivary amylase under optimum conditions
5.04.2025		RN Singh/ SK		Action of salivary amylase under optimum conditions
		RN Singh/ SK		Action of salivary amylase under optimum conditions
11.04.2025		RN Singh/ SK		Action of salivary amylase under optimum conditions
		RN Singh/ SK		Action of salivary amylase under optimum conditions
12.04.2025		RN Singh/ SK	IV	Virtual Labs
		RN Singh/ SK		https://www.vlab.co.in
19.04.2025		RN Singh/ SK		https://zoologysan.blogspot.com
		RN Singh/ SK		www.vlab.iitb.ac.in/vlab
25.04.2025		RN Singh/ SK		www.onlinelabs.in
		RN Singh/ SK		www.powershow.com
26.04.2025		RN Singh/ SK		https://vlab.amrita.edu
		RN Singh/ SK		https://sites.dartmouth.edu