

UNITIZATION OF SYLLABUS

Department of Zoology

Bankura Christian College

ACADEMIC YEAR 2023-24 (Semester 3rd Programme)

(July to December)

Name of the Faculty: Dr Anupam Ghosh

Unit 2: Respiration

Pulmonary ventilation, Respiratory volumes and capacities, Transport of Oxygen and carbon dioxide in blood

Unit 3: Cardiovascular system

Structure of Heart, Origin and conduction of the cardiac Impulse, Cardiac cycle, Composition of blood, Hemostasis

Unit 4: Excretion

Structure of nephron, Mechanism of Urine formation, Counter-current Mechanism

MONTH/YEAR	WEEK	PORTIONS
August 2023	4	Pulmonary ventilation
	5	Respiratory volumes and capacities
MONTH/YEAR	WEEK	PORTIONS
September 2023	1	Transport of Oxygen (Continued)
	2	Transport of Oxygen (Continued)
	3	Transport of Oxygen
	4	Transport of carbon dioxide in blood (continued)
	5	Transport of carbon dioxide in blood (continued)
MONTH/YEAR	WEEK	PORTIONS
October 2023	1	Structure of Heart
	2	Origin and conduction of the cardiac Impulse
	3	Composition of blood
MONTH/YEAR	WEEK	PORTIONS

November 2023	1	Hemostasis
	2	Structure of nephron
	3	Mechanism of Urine formation (continued)
	4	Mechanism of Urine formation
MONTH/YEAR	WEEK	PORTIONS
December 2023	1	Counter-current mechanism
	2	Class test
	3	Study Leave