JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Program : B.Pharm	Session : 2022-26	Year : 1st Sem	Sem: I
Course: Remedial Biology (Theory)			
Name of the Faculty: Srijani Dasgupta	Commencement Date: 19.09.2022	Date of Closure:	

Lecture No.	Week	Unit	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Related Course Outcome	Signature of Faculty	Signature of HoD	Remarks (if any)
				ICT Tool/Platform/ LMS	Resources	Activity							
1	Week 1	Unit-I	Definition and characters of living organisms										
2			Diversity in living world and Bionomial nomenclature										
3	Week 2		Five Kingdom classification										
4			Five Kingdom classification										
5	Week 3		Morphology of different part of flowering plants										
6			General Anatomy of Root, Stem, leaf of monocotyledons and dicotylidones										
7	Week 4		Composition of blood, blood groups, coagulation of blood and function of lymph										
8			Human circulatory system and structure of heart and blood vessels										

9	Week 5	**Unit-II**	Cardiac cycle, cardiac output and ECG and introduction to digestive system										
10			Digestion and role of digestive enzymes										
11	Week 6		Human respiratory system										
12			Mechanism of breathing										
13	Week 7		Exchange of gases and Respiratory volumes										
14		**Unit-III**	Human excretory system and mode of excretion										
15	Week 8		Urine formation and renin angiotensin system										
16			Nervous system and structure of neuron										
17	Week 9		Generation and conduction of nerve impulse										
18			Structure of brain and spinal cord										
19	Week 10		Function of different parts of brain										
20			Endocrine gland and function of endocrine hormone										

21	Week 11		Female and male reproductive hormone										
22			Spermatogenesis and menstrual cycle										
23	Week 12	**Unit -IV**	Essential mineral and nitrogen metabolism										
24			Nitrogen cycle										
25	Week 13		Nitrogen cycle										
26			Autotrophic nutrition and photosynthesis										
27	Week 14	**Unit-V**	Plant respiration and plant growth										
28			Plant respiration and plant growth										
29	Week 15		Cells										
30			Tissue										