



IA-Level Biology (Year 2) - September 21 Intake


Start Date:	06-Sep-21
--------------------	-----------

	Week Number	Week Commencing Date	Topic	Subtopic	Sub-subtopic	Drop in Session Date	Drop in Session Time	Tutor Marked	
Year 2	1	05-Sep-22	Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Photosynthesis	08/09/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	ATP and ADP				
	2	12-Sep-22	Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Key terms	15/09/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Respiration				
	3	19-Sep-22	Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Rates of photosynthesis practical	22/09/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Primary productivity				
	4	26-Sep-22	Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Efficiency of biomass	29/09/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Biotic and abiotic factors				
	5	03-Oct-22	Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Population ecology practical	06/10/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Stages of succession				
	6	10-Oct-22	Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Climate change	13/10/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Effect of temperature				
	7	17-Oct-22	Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Evolution	20/10/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Isolation				
	Holiday 24/10/22 - 30/10/22								
	8	31-Oct-22	Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Bias	03/11/22	11:00-11:40		
Energy, Environment, Microbiology and Immunity			Energy Flow, Ecosystems and the Environment	Effective management					


IA-Level Biology (Year 2) - September 21 Intake

	Week Number	Week Commencing Date	Topic	Subtopic	Sub-subtopic	Drop in Session Date	Drop in Session Time	Tutor Marked	
	9	07-Nov-22	Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Cultures	10/11/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Phases of bacterial growth				
	10	14-Nov-22	Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Growth rate practical	17/11/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Compare bacteria and viruses				
	11	21-Nov-22	Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Barriers to infection	24/11/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Non specific immunity				
	12	28-Nov-22	Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Specific immunity	01/12/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Bacteriostatic and bacteriocidal				
	13	05-Dec-22	Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Antibiotic practical	08/12/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Decomposition				
	14	12-Dec-22	Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	DNA profiling	15/12/22	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Time of death				
	Holiday 19/12/22 - 08/01/23								
	15	09-Jan-23	Energy, Environment, Microbiology and Immunity		End of Unit		12/01/23	11:00-11:40	Unit 3 Mock
			Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Aerobic respiration				
	16	16-Jan-23	Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Krebs cycle		19/01/23	11:00-11:40	
			Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Lactate				
17	23-Jan-23	Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Respiration in yeast practical		26/01/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Rate of respiration practical					

IA-Level Biology (Year 2) - September 21 Intake

	Week Number	Week Commencing Date	Topic	Subtopic	Sub-subtopic	Drop in Session Date	Drop in Session Time	Tutor Marked
18	30-Jan-23	Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Movement	02/02/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Muscles fibres				
19	06-Feb-23	Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Cardiac muscle	09/02/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Fight or flight				
Holiday 13/02/23 - 19/02/23								
20	20-Feb-23	Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Exercise practical	23/02/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Homeostasis				
21	27-Feb-23	Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	The kidney	02/03/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Peptide hormones				
22	06-Mar-23	Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Neurones and the nervous system	09/03/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Reflex arc				
23	13-Mar-23	Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Nerve impulses	16/03/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Effect of drugs				
24	20-Mar-23	Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Habituation	23/03/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Responses in plants				
25	27-Mar-23	Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Nervous and hormonal control	30/03/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	MRI PET CT				
Holiday 03/04/21-23/04/23								
26	24-Apr-23	Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Brain chemical	27/04/23	11:00-11:40		
		Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	GMO drugs				

IA-Level Biology (Year 2) - September 21 Intake

	Week Number	Week Commencing Date	Topic	Subtopic	Sub-subtopic	Drop in Session Date	Drop in Session Time	Tutor Marked	
	27	01-May-23	Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Recombinant DNA	04/05/23	11:00-11:40		
			Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Bioinformatics				
	28	08-May-23	Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	GMOs	11/05/23	11:00-11:40	Unit 4 Mock	
			Respiration, Internal Environment, Coordination and Gene Technology		End of Unit				
	29	15-May-23	Energy, Environment, Microbiology and Immunity	Energy Flow, Ecosystems and the Environment	Recap	18/05/23	11:00-11:40		
			Energy, Environment, Microbiology and Immunity	Microbiology, Immunity and Forensics	Recap				
	30	22-May-23	Respiration, Internal Environment, Coordination and Gene Technology	Respiration, Muscles and the Internal Environment	Recap	25/05/23	11:00-11:40		
			Respiration, Internal Environment, Coordination and Gene Technology	Coordination, Response and Gene Technology	Recap				
	Holiday 29/05/23 - 04/06/23								
	31	05-Jun-23	Exam period / self directed revision				08/06/23	11:00-11:40	
	32	12-Jun-23					15/06/23	11:00-11:40	
	33	19-Jun-23					22/06/23	11:00-11:40	
	34	26-Jun-23					29/06/23	11:00-11:40	
	35	03-Jul-23					06/07/23	11:00-11:40	
36	10-Jul-23	13/07/23					11:00-11:40		