

TEACHING PLAN (TP)

ACA/DI37	Teaching Plan	Academic year 2023-24
Rev:00		Stream: Science
Name of Faculty: Mrs Anjum Mulla		Standard: 11th A, B
Subject: Biology		Subject Code: 056

Chapter No.	Name of Chapter	Topics/ content of chapter	Planned Date of Commencing	Planned Date of Completion	Media/Teaching Aid/ Teaching Method used
	General Introduction	Paper pattern of all exams	10/8/2023	10/8/2023	
1	Living World	Basic principles of life	12/8/2023	12/8/2023	PPT and Video
2	Systematics of Living Organisms	Salient features of Five Kingdoms	14/8/2023	16/8/2023	PPT and Video
		Kingdom Protista and Monera	17/8/2023	17/8/2023	PPT and Video
		Plantae, animalia, fungi	21/8/2023	21/8/2023	PPT and Video
		Acellular organisms	22/8/2023	22/8/2023	PPT and Video
3	Kingdom Plantae	Kingdom plantae :	23/8/2023	23/8/2023	PPT and Video
		Salient features of major plant groups under Cryptogams :	24/8/2023	26/8/2023	PPT and Video
		Salient features of major plant groups under Phanerogams	28/8/2023	28/8/2023	PPT and Video
		Angiosperms	29/8/2023	29/8/2023	PPT and Video
		Revision Test	31/8/2023	31/8/2023	
4	Kingdom Animalia	Criteria used for animal classification:	4/9/2023	4/9/2023	PPT and Video
		Non chordates	5/9/2023	11/9/2023	PPT and Video
		Vertebrates	12/9/2023	12/9/2023	PPT and Video
		Animal Classification	20/9/2023	21/9/2023	PPT and Video
		Chordates	23/9/2023	23/9/2023	PPT and Video
5	Cell Structure and Organization	Cell	25/9/2023	25/9/2023	PPT and Video
		Kinds of cells	26/9/2023	26/9/2023	PPT and Video
		Prokaryotic cell	27/9/2023	27/9/2023	PPT and Video
		Eukaryotic cell, cell wall,	30/9/2023	30/9/2023	PPT and Video
		ER, Golgi apparatus	3/10/2023	3/10/2023	PPT and Video
5	Cell Structure and Organization	chloroplast, mitochondria	4/10/2023	4/10/2023	PPT and Video
		lysosomes, vacuoles, ribosomes,	5/10/2023	5/10/2023	PPT and Video
		nucleus, cytoskeleton	9/10/2023	9/10/2023	PPT and Video
		revision exercise	10/10/2023	10/10/2023	PPT and Video
7	Cell Division	Cell cycle	11/10/2023	11/10/2023	PPT and Video
		Mitosis	12/10/2023	12/10/2023	PPT and Video

7	Cell Division	Meiosis	14/10/2023	16/10/2023	PPT and Video
		Revision exercise	17/10/2023	17/10/2023	PPT and Video
6	Biomolecules	Biomolecules in the cell	18/10/2023	18/10/2023	PPT and Video
		Carbohydrates	19/10/2023	19/10/2023	PPT and Video
		Proteins	23/10/2023	23/10/2023	PPT and Video
		Fats	25/10/2023	25/10/2023	PPT and Video
		Enzymes	26/10/2023	26/10/2023	PPT and Video
		Nucleic acids	28/10/2023	28/10/2023	PPT and Video
		Revision exercise	30/10/2023	30/10/2023	PPT and Video
		test	20/11/2023	20/11/2023	PPT and Video
8	Plant Tissues and Anatomy	Meristematic Tissue	21/11/2023	21/11/2023	PPT and Video
		Permanent tissue	22/11/2023	22/11/2023	PPT and Video
		Anatomy of monocot and Dicot	23/11/2023	23/11/2023	PPT and Video
		root	25/11/2023	25/11/2023	PPT and Video
		stem	28/11/2023	28/11/2023	PPT and Video
		test	29/11/2023	29/11/2023	PPT and Video
9	Morphology of flowering Plants	Modification of roots	30/11/2023	30/11/2023	PPT and Video
		Modification of stem	4/12/2023	4/12/2023	PPT and Video
		Modification of leaves	5/12/2023	5/12/2023	PPT and Video
		Infloroscence	6/12/2023	6/12/2023	PPT and Video
		Phyllotaxy	7/12/2023	7/12/2023	PPT and Video
		flower, fruit	9/12/2023	9/12/2023	PPT and Video
		seed	11/12/2023	11/12/2023	PPT and Video
		Exercise	12/12/2023	12/12/2023	PPT and Video
10	Animal Tissue	Test	13/12/2023	13/12/2023	PPT and Video
		Epithelial tissue	14/12/2023	14/12/2023	PPT and Video
		Connective tissue	18/12/2023	18/12/2023	PPT and Video
		Muscular tissue	19/12/2023	20/12/2023	PPT and Video
11	Study of Animal Type : Cockroach	revision test	21/12/2023	26/12/2023	PPT and Video
		Habit and habitat :	27/12/2023	27/12/2023	PPT and Video
12	Photosynthesis	Systematic Position	28/12/2023	30/12/2023	PPT and Video
		Chloroplast : Nature of Light :	1/1/2024	1/1/2024	PPT and Video
		Mechanism of Photosynthesis Light	3/1/2024	3/1/2024	PPT and Video
		Photorespiration C4 pathway or Hatch-Slack pathway CAM-	4/1/2024	9/1/2024	PPT and Video
		Factors affecting Photosynthesis	10/1/2024	10/1/2024	PPT and Video
13	Respiration and Energy Transfer	Test	11/1/2024	11/1/2024	PPT and Video
		Formation of ATP Anaerobic respiration	13/1/2024	13/1/2024	PPT and Video
		Aerobic Respiration	16/1/2024	16/1/2024	PPT and Video
		glycolysis	17/1/2024	17/1/2024	PPT and Video
		Kreb's cycle	18/1/2024	18/1/2024	PPT and Video
		ETS	29/1/2024	29/1/2024	PPT and Video
		Utility of stepwise oxidation	30/1/2024	30/1/2024	PPT and Video
		revision test	31/1/2024	31/1/2024	PPT and Video
		Human digestive System	1/2/2024	1/2/2024	PPT and Video
		Histology of alimentary canal	5/2/2024	5/2/2024	PPT and Video
		Physiology of Digestion	6/2/2024	6/2/2024	PPT and Video

14	Human Nutrition	Digestion in small intestine	7/2/2024	7/2/2024	PPT and Video
		Absorption assimilation egestion	8/2/2024	8/2/2024	PPT and Video
		Nutritional disorders	12/2/2024	12/2/2024	PPT and Video
		Revision exercise	13/2/2024	13/2/2024	PPT and Video
		Test	14/2/2024	14/2/2024	PPT and Video
15	Excretion and Osmoregulation	Excretion and excretory products	15/2/2024	15/2/2024	PPT and Video
		Excretory system in human being	20/2/2024	20/2/2024	PPT and Video
		Urine formation	21/2/2024	21/2/2024	PPT and Video
		Concentration of urine	22/2/2024	22/2/2024	PPT and Video
		Composition of Urine	24/2/2024	24/2/2024	PPT and Video
		Disorders and diseases :	26/2/2024	26/2/2024	PPT and Video
		Revision and exercise	27/2/2024	27/2/2024	PPT and Video
		Test	28/2/2024	28/2/2024	PPT and Video
16	Skeleton and Movement	Location and structure of skeletal muscles :	4/3/2024	4/3/2024	PPT and Video
		Working of Skeletal Muscles	5/3/2024	5/3/2024	PPT and Video
		Mechanism of muscle contraction	6/3/2024	6/3/2024	PPT and Video
		Physiology of muscle relaxation	7/3/2024	7/3/2024	PPT and Video
		Relaxation of muscle fibres	8/3/2024	8/3/2024	PPT and Video
		Properties of Muscles on Electrical	9/3/2024	9/3/2024	PPT and Video
		revision test	11/3/2024	11/3/2024	PPT and Video

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