

ACA/DI37	Teaching Plan	Academic year 2026-27
Rev:00		Stream: Science
Name of Faculty: Mrs Anjum Mulla		Standard: 11th 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	22/7/2026	23/7/2026	
1	Living World	Basic principles of life	24/7/2026	20/8/2026	PPT and Video
2	Systematics of Living Organisms	Salient features of Five Kingdoms	25/7/2026	27/7/2026	PPT and Video
		Kingdom Protista and Monera	29/7/2026	31/7/2026	PPT and Video
		Plantae, animalia, fungi	3/8/2026	3/8/2026	PPT and Video
		Acellular organisms	4/8/2026	4/8/2026	PPT and Video
3	Kingdom Plantae	Kingdom plantae :	5/8/2026	27/8/2026	PPT and Video
		Salient features of major plant groups under Cryptogams :	6/8/2026	28/8/2026	PPT and Video
		Salient features of major plant groups under Phanerogams	7/8/2026	10/8/2026	PPT and Video
		Angiosperms	11/8/2026	13/8/2026	PPT and Video
4	Kingdom	Criteria used for animal classification:	21/8/2026	21/8/2026	PPT and Video
		Non chordates	22/8/2026	27/8/2026	PPT and Video
		Chordates	28/8/2026	29/8/2026	

4	Animalia	Vertebrates	1/9/2026	1/9/2026	PPT and Video
		Animal Classification	2/9/2026	2/9/2026	PPT and Video
		Tetrapoda	3/9/2026	3/9/2026	PPT and Video
5	Cell Structure and Organization	Cell	4/9/2026	4/9/2026	PPT and Video
		Kinds of cells	7/9/2026	7/9/2026	PPT and Video
		Prokaryotic cell	8/9/2026	8/9/2026	PPT and Video
		Eukaryotic cell, cell wall,	9/9/2026	9/9/2026	PPT and Video
		ER, Golgi apparatus	10/9/2026	10/9/2026	PPT and Video
		chloroplast, mitochondria	12/9/2026	12/9/2026	PPT and Video
		lysosomes, vacuoles, ribosomes,	13/9/2026	13/9/2026	PPT and Video
		nucleus, cytoskeleton	23/9/2026	24/9/2026	PPT and Video
		revision exercise	25/9/2026	25/9/2026	PPT and Video
6	Cell Division	Cell cycle	1/10/2026	1/10/2026	PPT and Video
		Mitosis	4/10/2026	4/10/2026	PPT and Video
		Meiosis	7/10/2026	8/10/2026	PPT and Video
7	Biomolecules	Biomolecules in the cell	9/10/2026	9/10/2026	PPT and Video
		Carbohydrates	10/10/2026	10/10/2026	PPT and Video
		Proteins	11/10/2026	11/10/2026	PPT and Video
		Fats	14/10/2026	14/10/2026	PPT and Video
		Enzymes	16/10/2026	16/10/2026	PPT and Video
		Nucleic acids	17/10/2026	17/10/2026	PPT and Video
		Revision exercise	18/10/2026	18/10/2026	PPT and Video
		test	18/10/2026	18/10/2026	PPT and Video
8	Plant Tissues and Anatomy	Meristematic Tissue	19/10/2026	19/10/2026	PPT and Video
		Permanent tissue	21/10/2026	21/10/2026	PPT and Video
		Anatomy of monocot and Dicot	22/10/2026	22/10/2026	PPT and Video
		root	23/10/2026	23/10/2026	PPT and Video
		stem	24/10/2026	24/10/2026	PPT and Video
9	Morphology of flowering Plants	Modification of roots	25/10/2026	25/10/2026	PPT and Video
		Modification of stem	26/10/2026	26/10/2026	PPT and Video
		Modification of leaves	27/10/2026/	27/10/2026/	PPT and Video
		Infloroscence	28/10/2026	28/10/2026	PPT and Video
		Phyllotaxy	29/10/2026	29/10/2026	PPT and Video

		flower, fruit	23/11/2026	23/11/2026	PPT and Video
		seed	25/11/2026	25/11/2026	PPT and Video
		Exercise	26/11/2026	26/11/2026	PPT and Video
10	Animal Tissue	Epithelial tissue	27/11/2026	27/11/2026	PPT and Video
		Connective tissue	28/11/2026	28/11/2026	PPT and Video
		Muscular tissue	29/11/2026	29/11/2026	PPT and Video
		revision test	2/12/2026	2/12/2026	PPT and Video
11	Study of Animal Type : Cockroach	Habit and habitat :	3/12/2026	3/12/2026	PPT and Video
		Systematic Position	4/12/2026	4/12/2026	PPT and Video
12	Photosynthesis	Chloroplast : Nature of Light :	5/12/2026	5/12/2026	PPT and Video
		Mechanism of Photosynthesis Light reaction : Photophosphorylation	6/12/2026	6/12/2026	PPT and Video
		Photorespiration C4 pathway or Hatch-Slack pathway CAM-Crassulacean Acid Metabolism	9/12/2026	9/12/2026	PPT and Video
		Factors affecting Photosynthesis	10/12/2026	10/12/2026	PPT and Video
		Test	11/12/2026	12/12/2026	PPT and Video
13	Respiration and Energy Transfer	Formation of ATP Anaerobic respiration	13/12/2026	14/12/2026	PPT and Video
		Aerobic Respiration	16/12/2026	16/12/2026	PPT and Video
13	Respiration and Energy Transfer	glycolysis	17/12/2026	17/12/2026	PPT and Video
		Kreb's cycle	18/12/2026	18/12/2026	PPT and Video
		ETS	19/12/2026	19/12/2026	PPT and Video
		Utility of stepwise oxidation	20/12/2026	20/12/2026	PPT and Video
14	Human Nutrition	Human digestive System	1/1/2027	1/1/2027	PPT and Video
		Histology of alimentary canal	4/1/2027	5/1/2027	PPT and Video
		Physiology of Digestion	6/1/2027	7/1/2027	PPT and Video
		Digestion in small intestine	8/1/2027	11/1/2027	PPT and Video
		Absorption assimilation egestion	12/1/2027	14/1/2027	PPT and Video
		Nutritional disorders	15/1/2027	18/1/2027	PPT and Video
		Revision exercise	21/1/2027	22/1/2027	PPT and Video
		Excretion and excretory products	27/1/2027	27/1/2027	PPT and Video
		Excretory system in human being	29/1/2027	29/1/2027	PPT and Video

15	Excretion and Osmoregulation	Urine formation	30/1/2027	30/1/2027	PPT and Video
		Concentration of urine	3/2/2027	5/2/2027	PPT and Video
		Composition of Urine	8/2/2027	10/2/2027	PPT and Video
		Disorders and diseases :	11/2/2027	13/2/2027	PPT and Video
		Revision and exercise	12/2/2027	17/2/2027	PPT and Video
		Test	18/2/2027	18/2/2027	PPT and Video
16	Skeleton and Movement	Location and structure of skeletal muscles :	20/2/2027	21/2/2027	PPT and Video
		Working of Skeletal Muscles	22/2/2027	23/2/2027	PPT and Video
		Mechanism of muscle contraction	24/2/2027	26/2/2027	PPT and Video
		Physiology of muscle relaxation	1/3/2027	3/3/2027	PPT and Video
		Relaxation of muscle fibres	4/3//2027	4/3//2027	PPT and Video
		Properties of Muscles on Electrical Stimulation:	5/3/2027	5/3/2027	PPT and Video
		revision test	5/3/2027	5/3/2027	PPT and Video

**Mrs Anjum
Mulla**

HOD of Bology

SBPCSC

Mr S N Patil

Principal

SBPCSC