



Pimpri Chinchwad Education Trust's
S.B.Patil College Of Science and Commerce

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UDISE NO: 27252001412

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ACA/DI37	Teaching Plan	Academic year 2025-2026
Rev:00		Name of Faculty: Mrs Anjum Mulla
Stream: Science		
Standard: 11th B	Subject: Biology	Subject Code: 056

Chapt er 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	12/8/2025	12/8/2025	
1	Living World	Basic principles of life	12/8/2025	12/8/2025	PPT and Video
2	Systematics of Living Organisms	Salient features of Five Kingdoms	14/8/2025	16/8/2025	PPT and Video
		Kingdom Protista and Monera	17/8/2025	17/8/2025	PPT and Video
		Plantae, animalia, fungi	21/8/2025	21/8/2025	PPT and Video
		Acellular organisms	22/8/2025	22/8/2025	PPT and Video
3	Kingdom Plantae	Kingdom plantae :	23/8/2025	23/8/2025	PPT and Video
		Salient features of major plant groups under Cryptogams :	24/8/2025	26/8/2025	PPT and Video
		Salient features of major plant groups under Phanerogams	28/8/2025	28/8/2025	PPT and Video
		Angiosperms	29/8/2025	29/8/2025	PPT and Video
		Revision Test	31/8/2025	31/8/2025	
4	Kingdom Animalia	Criteria used for animal classification:	4/9/2025	4/9/2025	PPT and Video
		Non chordates	5/9/2025	11/9/2025	PPT and Video
		Vertebrates	12/9/2025	12/9/2025	PPT and Video
		Animal Classification	20/9/2025	21/9/2025	PPT and Video
		Chordates	23/9/2025	23/9/2025	PPT and Video
		Cell	25/9/2025	25/9/2025	PPT and Video
		Kinds of cells	26/9/2025	26/9/2025	PPT and Video
		Prokaryotic cell	27/9/2025	27/9/2025	PPT and Video
		Eukaryotic cell, cell wall, membrane	30/9/2025	30/9/2025	PPT and Video

5	Cell Structure and Organization	ER, Golgi apparatus	3/10/2025	3/10/2025	PPT and Video
		chloroplast, mitochondria	4/10/2025	4/10/2025	PPT and Video
		lysosomes, vacuoles, ribosomes,	5/10/2025	5/10/2025	PPT and Video
		nucleus, cytoskeleton	9/10/2025	9/10/2025	PPT and Video
		revision exercise	10/10/2025	10/10/2025	PPT and Video
7	Cell Division	Cell cycle	11/10/2025	11/10/2025	PPT and Video
		Mitosis	12/10/2025	12/10/2025	PPT and Video
		Meiosis	14/10/2025	16/10/2025	PPT and Video
		Revision exercise	17/10/2025	17/10/2025	PPT and Video
6	Biomolecules	Biomolecules in the cell	18/10/2025	18/10/2025	PPT and Video
		Carbohydrates	19/10/2025	19/10/2025	PPT and Video
		Proteins	23/10/2025	23/10/2025	PPT and Video
		Fats	25/10/2025	25/10/2025	PPT and Video
		Enzymes	26/10/2025	26/10/2025	PPT and Video
		Nucleic acids	28/10/2025	28/10/2025	PPT and Video
		Revision exercise	30/10/2025	30/10/2025	PPT and Video
		test	20/11/2025	20/11/2025	PPT and Video
8	Plant Tissues and Anatomy	Meristematic Tissue	21/11/2025	21/11/2025	PPT and Video
		Permanent tissue	22/11/2025	22/11/2025	PPT and Video
		root	25/11/2025	25/11/2025	PPT and Video
		stem	28/11/2025	28/11/2025	PPT and Video
		test	29/11/2025	29/11/2025	PPT and Video
9	Morphology of flowering Plants	Modification of roots	30/11/2025	30/11/2025	PPT and Video
		Modification of stem	4/12/2025	4/12/2025	PPT and Video
		Modification of leaves	5/12/2025	5/12/2025	PPT and Video
		Infloroscence	6/12/2025	6/12/2025	PPT and Video
		Phyllotaxy	7/12/2025	7/12/2025	PPT and Video
		flower, fruit	9/12/2025	9/12/2025	PPT and Video
		seed	11/12/2025	11/12/2025	PPT and Video
		Exercise	12/12/2025	12/12/2025	PPT and Video
		Test	13/12/2025	13/12/2025	PPT and Video
10	Animal Tissue	Histology	14/12/2025	14/12/2025	PPT and Video
		Epithelial tissue			
		Connective tissue	18/12/2025	18/12/2025	PPT and Video
		Muscular tissue	19/12/2025	20/12/2025	PPT and Video
11	Study of Animal Type : Cockroach	revision test	21/12/2025	26/12/2025	PPT and Video
		Habit and habitat :	27/12/2025	27/12/2025	PPT and Video
		Systematic Position	28/12/2025	30/12/2025	PPT and Video
		Chloroplast : Nature of Light :	1/1/2026	1/1/2026	PPT and Video
		Mechanism of Photosynthesis Light reaction : Photophosphorylation	3/1/2026	3/1/2026	PPT and Video

12	Photosynthesis	Photorespiration C4 pathway or Hatch-Slack pathway CAM-Crassulacean Acid Metabolism	4/1/2026	9/1/2026	PPT and Video
		Factors affecting Photosynthesis revision exercise	10/1/2026	10/1/2026	PPT and Video
		Test	11/1/2026	11/1/2026	PPT and Video
13	Respiration and Energy Transfer	Formation of ATP Anaerobic respiration	13/1/2026	13/1/2026	PPT and Video
		Aerobic Respiration	16/1/2026	16/1/2026	PPT and Video
		glycolysis	17/1/2026	17/1/2026	PPT and Video
		Kreb's cycle	18/1/2026	18/1/2026	PPT and Video
		ETS	29/1/2026	29/1/2026	PPT and Video
		Utility of stepwise oxidation	30/1/2026	30/1/2026	PPT and Video
		revision test	31/1/2026	31/1/2026	PPT and Video
14	Human Nutrition	Human digestive System	1/2/2026	1/2/2026	PPT and Video
		Histology of alimentary canal	5/2/2026	5/2/2026	PPT and Video
		Physiology of Digestion	6/2/2026	6/2/2026	PPT and Video
		Digestion in small intestine	7/2/2026	7/2/2026	PPT and Video
		Absorption assimilation egestion	8/2/2026	8/2/2026	PPT and Video
		Nutritional disorders	12/2/2026	12/2/2026	PPT and Video
		Revision exercise	13/2/2026	13/2/2026	PPT and Video
		Test	14/2/2026	14/2/2026	PPT and Video
15	Excretion and Osmoregulation	Excretion and excretory products	15/2/2026	15/2/2026	PPT and Video
		Excretory system in human being	20/2/2026	20/2/2026	PPT and Video
		Urine formation	21/2/2026	21/2/2026	PPT and Video
		Concentration of urine	22/2/2026	22/2/2026	PPT and Video
		Composition of Urine	24/2/2026	24/2/2026	PPT and Video
		Disorders and diseases :	26/2/2026	26/2/2026	PPT and Video
		Revision and exercise	27/2/2026	27/2/2026	PPT and Video
		Test	28/2/2026	28/2/2026	PPT and Video
16	Skeleton and Movement	Location and structure of skeletal muscles :	28/2/2026	28/2/2026	PPT and Video
		Working of Skeletal Muscles	2/3/2026	2/3/2026	PPT and Video
		Mechanism of muscle contraction	3/3/2026	3/3/2026	PPT and Video
		Physiology of muscle relaxation	4/3/2026	4/3/2026	PPT and Video
		Relaxation of muscle fibres	5/3/2026	5/3/2026	PPT and Video
		Properties of Muscles on Electrical Stimulation:	6/3/2026	6/3/2026	PPT and Video

Mrs Anjum Mulla
HOD (Biology)

Mr S. N Patil
Principal (SBPCSC)