

VAILANKANNI VOICE - JUNE 2023

Grade: XI

MONTH	WEEK	TOPIC	INTEGRATED PORTION	ACTIVITY	WORKSHEET
English (June)	I	The Portrait Of A lady		LSRW	Describing grandmother
	II	The Portrait Of A lady		LSRW	Listening skill
	III	A Photograph		LSRW	Description Writing
	IV	Note Making and Summary Writing		LSRW	Note making
Maths(June)	I	Sets and their representations, types of sets	Chapter-2.1 - 2.2	Software tools to sketch Venn diagrams	CBQ based questions
	II	Venn diagrams and operations on sets	Visualizing of Venn diagrams	To represent set theoretic operations using Venn diagrams	Case study based questions
	III	Relations and functions	Domain, codomain and range	Sketch relation function and identify relations and function	Hots based questions
	IV	Functions	Polynomial functions	To distinguish between a relation and a function	Mcq based questions
Physics(June)	I	Force-Types of forces, laws of conservation [Energy, mass, charge, momentum] systems of units [Fundamental and Derived]	Page No-1.1 to 1.10	To measure diameter of small spherical body using vernier callipers.	MCQ Type
	II	Significant figures- Rules, Dimensions of Physical quantities. Dimensional Analysis and its applications	Page No-3.1 to 3.9	To measure internal diameter and depth of a given beaker using vernier callipers and find its density.	PYQ based sheet
	III	Frame of reference, motion in a straight line Elementary concepts of differentiation and integration for describing motion uniform and non-uniform motion	Page No-4.3 to 4.11		MCQ Type
	IV	Instantaneous velocity, uniformly accelerated motion, V-t graph, s-t graph, Relations- for uniformly accelerated motion	Page No-4.12 to 4.21	To measure the dimension of a given regular body of known mass using vernier callipers	PYQ based sheet

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Chemistry(June)	I	Importance and scope of chemistry, law of conservation, Law of constant proportion, Law of multiple proportion Postulates of Daltons atomic theory.	Volume-2, Page No-3 to 17	Chemistry Project on measurement of acetic acid in vinegar	MCQ type
	II	molecular mass, formula mass, concept of mole, ways of expressing concentration such as strength, molarity, molality, mass and volume	Volume-2, Page No-18 to 35	Investigatory project on Fertilisers	Numerical based question
	III	Describe the terms mole and molar mass express concentration of solution in different unit	Volume-2, Page No:18 to 35	Purification of Chemical Substances by Crystallisation	PYQ Type
	IV	Classification of elements Modern periodic law and the present form of periodic table, periodic trends in properties of elements-atomic radii, ionic radii, inert gas radii, Ionization enthalpy, electron gain enthalpy, electronegativity, valency.	Module-1, Page No:3.1 to 3.6	Problem solving activity based on periodic trends	MCQ type
Biology(June)	I	The Living world Biodiversity, Need for classification; three domains of life; taxonomy and systematics; concept of species and taxonomical hierarchy binomial nomenclature	Classic and modern taxonomical tools	Classification-Flash card activity Video presentation on phylogenetic classification	MCQ PYQ
	II	Five kingdom classification; Salient features and classification of Monera, Protista and Fungi into major groups; Lichens, Viruses and Viroids.	Bacterial conjugation, Gram staining and Bacteriophage life cycle	1. To make a project on RNA virus. 2. To make a chart on classification of bacteria.	MCQ PYQ and Diagram based questions
	III	Classification of plants into major groups; Salient and distinguishing features and a few examples of Algae, Bryophyta, Pteridophyta, Gymnospermae.	Angiosperms, Plant Life Cycle and Alternation of Generations	1. Economic importance plants- Name collection.MCQ	PYQ Numerical questions
	IV	Salient features and classification of animals, non-chordates up to phyla level and chordates up to class level.	Salient features of classification of animals with example	1. To make a chart on classification of tetrapods	MCQ PYQ

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Computer Science(June)	I	Computational thinking and programming-1	Computer Basic Organization- Hardware Basic Components of computer- Structure of CPU- IPO cycle- Input /Output Device	Lab Activity to view the anatomy of Hardware of CPU and Peripherals	MCQ Type
	II	Computational thinking and programming-1	Computer Basic Organization- Software - Types of Software - language translators- Mobile Computing Organization .	Lab Activity to get know how Utility software works on Operating System, viewing the structure of Mobile	Case Based Question
	III	Computational thinking and programming-1	Number System- types of number system- Decimal- Binary - Octal- Hexa Decimal .	Assesment and Evaluating the calculation done by using Number system technique	Problem solving technique Based Questions
	IV	Computational thinking and programming-1	Number System- Converting Binary to Decimal, Octal, Hexa Decimal and vice-versa	Assesment and Evaluating the calculation done by using Number system technique	Problem solving technique Based Questions