

ST. MICHAEL'S SR. SEC. SCHOOL SYLLABUS 2023-24 CLASS: 12

PERIODIC TEST -1

ENGLISH	MATHS	PHYSICS
The Last Lesson, Third Level	Chapter 3 : Matrices	Unit 1 Electrostatics
Notice Writing, Reading Comprehension	Chapter 4 : Determinants	Unit 2 Current Electricity
CHEMISTRY	BIOLOGY	COMPUTER SCIENCE
	Chapter 2 - Reproduction in plants.	Ch-1 Review of Python Basics,
HALOALKANES AND HALOARENES ALCOHOLS, PHENOLS AND ETHER	Chap. 3. Human Reproduction	Ch-2 Functions
ECONOMICS	PHYSICAL EDUCATION	ACCOUNTS
Unit-National Income and Related Aggregates	Ch-1: Management of Sporting Events	Partnership accounting
	Ch-10: Training in Sports	- Fundamentals
BUSINESS STUDIES		INFORMATICS
chapter 1-Nature and Significance of Management		* Data Handling using Pandas-I using Series
Chapter -2 Principles of Management		* Creating and deleting elements in Series, Selection, Indexing, Slicing
		* head and tail functions
		* creating series from ndarray,dictionary,scalar, mathematical operations

PERIODIC TEST -2

ENGLISH	MATHS	PHYSICS
My Mother at Sixty Six (Poem), Tiger King, Reading Comprehension, Job Application.	Chapter 5 : Continuity and Differentiability	Unit 1 Electrostatics
	Chapter 6 : Application of Derivatives	Unit 3 Magnetic effects of Current and Magnetism
CHEMISTRY	BIOLOGY	COMPUTER SCIENCE
SOLUTIONS	ch.4 Principles of Inheritance and Variations	3. File Handling (Full Chapter)
ELECTROCHEMISTRY	ch.5. Molecular basis of Inheritance.	ACCOUNTS
		Partnership Accounting
ECONOMICS	PHYSICAL EDUCATION	Admission of a Partner
Money and Banking	Ch-6: Test & Measurement in Sports	
Economic Reforms since 1991	Ch-7: Physiology and Injuries in Sports	INFORMATICS
BUSINESS STUDIES		* Data Frames - creation from Dictionary, list of Dictionaries
Chapter 4 Planning		- Head and Tail functions ; Indexing
Chapter 5 Organising		Text/ CSV files - Importing and exporting data between CSV and Data Frames

MID TERM

ENGLISH	MATHS	PHYSICS
Reading- Unseen passages	Chapter 1 : Relations and Functions	Unit 1 Electrostatics

Writing- Notice, Formal/Informal Invitations/Reports	Chapter 2 : Inverse Trigonometric Functions	Unit 2 Current Electricity
Job Application, Letter to Editor , Article Writing	Chapter 3 : Matrices	Unit 3 Magnetic effects of Current & Magnetism
Report Writing. Literature:Flamingo- Last Lesson	Chapter 4 : Determinants	Unit 4 EMI & AC
Lost Spring, Deep Water, The Rattrap,	Chapter 5 : Continuity and Differentiability	Unit 5 EM Waves
My Mother at Sixty Six, Keeping Quiet,	Chapter 6 : Application of Derivatives	
A Thing of Beauty.	Chapter 7 : Integrals	
Vistas- The Third Level, The Tiger King,		
Journey to the end of the Earth.		
Assessment of Speaking and Listening Skills and Project Work.		
CHEMISTRY	BIOLOGY	COMPUTER SCIENCE
solutions	Chap. 1. Reproduction in Plants	1. Review of Python Covered in Class XI
Electrochemistry	Chap. 2. Human Reproduction	2. Functions
chemical kinetics	Chap. 4. Principles of Inheritance and Variation	3. File Handling (Full Chapter)
d and f block elements	Chap. 5. Molecular basis of Inheritance	4. Using Python Libraries
Haloalkane and Haloarene	Chap. 6. Evolution	5. Data Structure - Lists and Stacks
Alcohol ,Phenol and Ethers	Chap. 7. Human Health and Diseases	6. Exception Handling
ECONOMICS	Chap. 3. Repreductive health	ACCOUNTS
Part A- Macroeconomics	PHYSICAL EDUCATION	accounting for partnership firm
National Income and Related Aggregates	Ch-1: Management of Sporting Events	issue of share capital
Money and Banking	Ch-10: Training in Sports	
Government Budget and the Economy	Ch-6: Test & Measurement in Sports	
Part B- Indian Economic Development	Ch-7: Physiology and Injuries in Sports	
Unit-1 Development Experience (1947-90) and Economic Reforms since 1991	Ch-5: Sports and Nutrition	
Human Capital Formation		
Environment and Sustainable Development		
TERM-1/MIDTERM (continued)		
BUSINESS STUDIES	MORAL SC	INFORMATICS
Unit 1. Nature and Significance of Management	Ch-1 Generation Gap	Unit 1: Data Handling using Pandas -I
	Ch-4 Self Control	Introduction to Python libraries- Pandas, Matplotlib.
Unit 2. Principles of Management	Ch-6 Frustration	Data structures in Pandas - Series and Data Frames.
Unit 3. Business Environment	Ch-7 Decision Making	Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head and Tail functions;
Unit 4. Planning	Project - ch 3	Selection, Indexing and Slicing.
Unit 5. Organising		

Unit 6. Staffing Unit 11. Marketing Management		Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing;
		Importing/Exporting Data between CSV files and Data Frames.
		Data Visualization
		Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph,
		histogram
		Customizing plots: adding label, title, and legend in plots.
PREBOARDS (MAIN SUBJECT AS PER CBSE GUIDELINES)		
MORAL SCIENCE		
Ch-9 Dignity of Labour		
Ch-10 Adolescent: their mind and body		
Ch-11 Personality		
Ch-12 Accepting Criticism is an Art		
Project: Ch 8		

