

Maharani Kishori Devi Girls' School, Bikaner

Syllabus for Term-I

Class XI

❖ **SCIENCE (Section-A)**

➤ **CHEMISTRY**

Chapter-1 Some Basic Concepts of Chemistry

Chapter-2 Structure of atom

Chapter-3 Classification of Elements and Periodicity in Properties

➤ **PHYSICS**

Chapter-1 Physical World

Chapter-2 Units and Measurements

Chapter-3 Motion in a Straight Line

Chapter-4 Motion in a Plane

➤ **BIOLOGY**

Chapter-1 The Living World

Chapter-2 Biological Classification

Chapter-3 Plant Kingdom

Chapter-4 Animal Kingdom

Chapter-5 Morphology of Flowering Plant

Chapter-7 Structural Organization in Animals

❖ **COMMERCE (Section-B)**

➤ **BUSINESS STUDIES**

Chapter-1 Concept of business

Chapter-2 Forms of business

Chapter-3 Public and private enterprise

➤ **ACCOUNTANCY**

Chapter-2 Accounting terms

Chapter-6 Accounting equation

Chapter-9 Journal entry

Chapter-10 GST treatment

➤ **ECONOMICS**

MICROECONOMICS

Chapter:1 An Introduction

STATISTICS

Chapter-1 Introduction of statistics and economics

Chapter-2 Collection of Data

Chapter-3 Organization of Data

Chapter-4 Presentation of Data

❖ **HUMANITIES (Section-C&D)**

➤ **ECONOMICS**

MICROECONOMICS

Chapter:1 An Introduction

STATISTICS

Chapter-1 Introduction of statistics and economics

Chapter-2 Collection of Data

Chapter-3 Organization of Data

Chapter-4 Presentation of Data

➤ **POLITICAL SCIENCE**

- Chapter-1 Constitution of India
- Chapter-3 Election and Representation
- Chapter-8 Local Governments

➤ **HISTORY**

- Chapter-2 Writing and City Life
- Chapter-3 An Empire across Three Continents
- Chapter-4 The Central Islamic Land
- Chapter-6 The Three Orders

➤ **GEOGRAPHY**

Fundamentals of Physical Geography(book1)

- Chapter-1 Geography as a Discipline
- Chapter-2 Origin and Evolution of Earth
- Chapter-3 Interior of Earth
- Chapter-4 Distribution of Oceans and Continents
- Chapter-5 Minerals and Rocks

India- Physical Environment (book2)

- Chapter-1 India Location
- Chapter-3 Drainage

Map work on Identification/Interpretation of features based on the units on outline physical/political map of the world/India

❖ **COMPULSORY PAPER**

➤ **ENGLISH**

SECTION-A [Reading]

- ❑ 1. Unseen passage (factual,descriptive or literary/ discursive or persuasive)
- ❑ 2. Case Based Unseen (Factual)

SECTION-B [Writing Skills and Grammar]

- 1.Short Writing Tasks
 - ❑ Notice Writing
 - 2.Long Writing Tasks
 - ❑ Business or Official Letters(Making enquiries, registering complaints, asking for or giving information, placing orders and sending replies)
- ❑ 3.Speech
- 4.Grammar
 - ❑ 1.Determiners
 - ❑ 2.Tenses
 - ❑ 3.Re-ordering of Sentences{MCQs on Gap filling/ Transformation of Sentence}

SECTION-C [Literature]

Book-Hornbill: ❑

- 1. The Portrait of a Lady (Prose) ❑
- 2. A Photograph (Poem) ❑
- 3. “We’re Not Afraid to Die... if We Can All Be Together” (Prose) ❑
- 4. Discovering Tut:The Saga Continues
- ❑ 5. The Laburnum Top (Poem) ❑
- 5. Landscape of the Soul (Prose)

Book-Snapshots:

- ❑ 1. The Summer of the Beautiful White Horse (Prose)
- ❑ 2. The Address (Prose)
- ❑ 3. Ranga's Marriage (Prose)

❖ OPTIONAL PAPERS

➤ COMPUTER SCIENCE

Unit I: Computer Systems and Organization

- Basic Computer Organization: Introduction to computer system, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (Bit, Byte, KB, MB, GB, TB, PB)
- Types of software: system software (operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler & interpreter), application software
- Operating system (OS): functions of operating system, OS user interface
- Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth table, De Morgan's laws and logic circuits
- Number system: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems.

Unit II: Computational Thinking and Programming – 1

- Familiarization with the basics of Python programming: Introduction to Python, features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments
- Knowledge of data types: number (integer, floating point, complex), boolean, sequence (string, list, tuple), none, mapping (dictionary), mutable and immutable data types
- Operators: arithmetic operators, relational operators, logical operators, assignment operator, augmented assignment operators, identity operators (is, is not), membership operators (in, not in)
- Expressions, statement, type conversion & input/output: precedence of operators, expression, evaluation of expression, python statement, type conversion (explicit & implicit conversion), accepting data as input from the console and displaying output
- Errors: syntax errors, logical errors, runtime errors
- Flow of control: introduction, use of indentation, sequential flow, conditional and iterative flow control
- Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs
- Iterative statements: for loop, range function, while loop, flowcharts, break and continue statements, nested loops
- Strings: introduction, indexing, string operations (concatenation, repetition, membership & slicing), traversing a string using loops, built-in functions: len(), capitalize(), title(), lower(), upper(), count(),

find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split().

➤ **MATHS**

Chapter-1 Sets

Chapter-2 Relations & Functions

Chapter-5 Complex Number

Chapter-9 Sequence and Series

Chapter-12 3-D

➤ **MUSIC**

1) Natya Shastra

2) Discription of raag vrindawani Sarang,Bihag

3) Taal : Teental,keharwa

4) definition of Shruti,swar Taal,lay.

5) Biography of Tansen

➤ **FASHION STUDIES**

Chapter-1 Over view of Fashion

Chapter-2 Introduction to fabrics, dyeing & printing

➤ **Hindi**

पाठ्यपुस्तक अंतरा भाग 1

गद्य खंड

1. प्रेमचंद- ईदगाह
2. अमरकांत दोपहर का भोजन
3. हरिशंकर परसाई टॉर्च बेचने वाले

काव्य खंड

4. कबीर-
 - a.अरे इन दोहन राह न पाई
 - b.बालम, आवो हमारे गेह रे
- 5.सूरदास
 - a. खेलन में को काको गुसेयां
 - b. मुरली तऊ गुपाल हि भावति
6. पद्माकर।
 - a. औरे भांति कुंजन में गुंजरत
 - b. गोकुल के कुल के गली के गोप
 - c. भौरन को गुंजन बिहार

अभिव्यक्ति और माध्यम	अनुपूरक पाठ्यपुस्तक अंतराल भाग 1
जनसंचार माध्यम	मोहन राकेश अंडे के छिलके
पत्रकारिता के विविध आयाम	
डायरी लिखने की कला	

➤ **PHYSICAL EDUCATION**

Chapter-1 Changing Trends and Definition of Physical Education

Chapter 2 Olympic Value Education

Chapter-3 Physical Fitness, Wellness and Life Style