

**Maharani Kishori Devi Girls' School, Bikaner**

**Syllabus for Term-I**

**Class-XII**

❖ **SCIENCE (Section-A)**

➤ **CHEMISTRY**

- Chapter-1 Solid State
- Chapter-2 Solutions
- Chapter-7 p block
- Chapter-10 Halo Alkanes and Halo Arenes
- Chapter-11 Alcohols, Phenols and Ethers
- Chapter-14 Biomolecule

➤ **PHYSICS**

- Chapter-1 Electric Charges and Fields
- Chapter-2 Electrostatic Potential and Capacitance
- Chapter-3 Current Electricity
- Chapter-4 Moving Charges and Magnetism
- Chapter-5 Magnetism and Matter

➤ **BIOLOGY**

- Chapter-2 Sexual Reproduction in Flowering Plants
- Chapter-3 Human Reproduction
- Chapter-4 Reproductive Health
- Chapter-5 Heredity and Variation
- Chapter-6- Molecular Basis of Inheritance

❖ **COMMERCE (Section-B)**

➤ **BUSINESS STUDIES**

- Chapter-1 Significance of management
- Chapter-2 Principles of management
- Chapter-3 Business environment
- Chapter-4 Planning
- Chapter-5 Organising

➤ **ACCOUNTANCY**

- Chapter-1 Partnership (fundamentals)
- Chapter-2 Change in new profit sharing ratio
- Chapter-3 Admission of a partner

➤ **ECONOMICS**

**MACROECONOMICS**

- Chapter-1 Government Budget and the Economy
- Chapter-2 Balance of payment

**INDIAN ECONOMIC DEVELOPMENT**

- Chapter-1 Indian Economy on the Eve of Independence
- Chapter-2 Indian Economy (1950-90)
- Chapter-3 Liberalisation, Privatisation and Globalisation: An Appraisal
- Chapter-4 Poverty
- Chapter-5 Human Capital Formation
- Chapter-6 Rural Development

❖ **HUMANITIES (Section C&D)**

➤ **ECONOMICS**

## **MACROECONOMICS**

- Chapter-1 Government Budget and the Economy
- Chapter-2 Balance of payment

## **INDIAN ECONOMIC DEVELOPMENT**

- Chapter-1 Indian Economy on the Eve of Independence
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## ➤ **POLITICAL SCIENCE**

### **World Politics**

- Chapter-1 The Cold War Era
- Chapter-2 End of Bipolarity
- Chapter-6 International Organizations.

### **Indian Politics**

- Chapter-1 Challenge of nation building
- Chapter-3 Politics of Planned Development (only Niti Aayog)

## ➤ **HISTORY**

- Chapter-1 Bricks, Beads and bones
- Chapter-2 Kings, Farmers and Towns
- Chapter-3 Kinship, Caste and Class
- Chapter-4 Thinkers, Beliefs and Building
- Chapter-6 Bhakti Sufi tradition
- Chapter-7 An imperial Capital Vijaynagar

## ➤ **GEOGRAPHY**

### **Fundamentals of Human Geography (book 1)**

- Chapter-1 Human Geography- Nature and scope
- Chapter-2 World population distribution, density, growth
- Chapter-3 Population Composition
- Chapter-4 Human settlement
- Chapter-5 Primary Activities

### **India people and economy**

- Chapter-1 India population- Distribution, Density and growth
- Chapter-2 Migration: Types, Causes and Consequences
- Chapter-4 Human Settlement
- Chapter-6 Water resources
- Map work on identification of features based in 1-5 units on the outline political map of the world.

## ❖ **COMPULSORY PAPER**

### ➤ **ENGLISH**

#### **SECTION-A [Reading]**

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

#### **SECTION-B [Writing Skills]**

- 1. Short Writing Tasks

- ☐ Notice Writing
- ☐ Classified Advertisements
- 2. Long Writing Tasks(One)
- ☐ Letter to an Editor (giving suggestions or opinion on issues of public interest)
- ☐ 3. Article Writing

### **SECTION-C [LITERATURE]**

#### **Book- Flamingo (Prose)**

- ☐ 1. The Last Lesson
- ☐ 2. Lost Spring
- ☐ 3. Deep Water

#### **Book-Flamingo (Poetry)**

- ☐ 1. My Mother at Sixty-Six
- ☐ 2. An Elementary School Classroom in a Slum
- ☐ 3. Keeping Quiet

#### **Book-Vistas (Prose)**

- ☐ 1. The Third Level
- ☐ 2. The Enemy

### **❖ OPTIONAL PAPER**

#### **➤ MATHS**

- Chapter-1 Relations and Functions
- Chapter-2 Inverse Trigonometric Function
- Chapter-3 Matrices
- Chapter-4 Determinants
- Chapter-5 Continuity and Differentiability
- Chapter-6 Applications of Derivatives
- Chapter-12 Linear Programming

#### **➤ COMPUTER SCIENCE**

#### **Unit I: Computational Thinking and Programming – 2**

- ☐ Revision of Python topics covered in Class XI.
- ☐ Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)
- ☐ Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths
- ☐ Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file
- ☐ Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file

❑ CSV file: import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader( )

➤ **MUSIC**

- 1) Sangeet ratnakar
- 2) Discription of Raag bageshwari
- 3) Taal: Rupak, Jhaptaal
- 4) Definition of kan ,murki,gamak,khatka
- 5) Biography of Faiyaz Khan

➤ **FASHION STUDIES**

- Chapter-1 History of Fashion  
Chapter-2 Basic Pattern Development

➤ **PHYSICAL EDUCATION**

- Chapter-1 Planning in Sports  
Chapter-2 Sports and Nutrition  
Chapter-5 Children and Women in Sports  
Chapter-6 Test and Measurement in Sports  
Chapter-8 Biomechanics and sports

➤ **Hindi**

➤ काव्य खंड

काव्य खंड	गद्य खंड
जयशंकर प्रसाद 1. देवसेना का गीत 2. कार्नेलिया का गीत	रामचंद्र शुक्ल प्रेम की छाया स्मृति
विष्णु खरे 1. एक कम 2. सत्य	पंडित चंद्रधर शर्मा गुलेरी सुमिरिनी के मनके
रघुवीर सहाय 1. वसंत आया 2. तोड़ो	3. फणीश्वर नाथ रेणु संवदिया

अभिव्यक्ति और माध्यम	अनुपूरक पाठ्यपुस्तक अंतराल भाग 2
विभिन्न माध्यमों के लिए लेखन	प्रेमचंद सूरदास की झोपड़ी
कैसे बनती है कविता	संजीव आरोहण