

**TERM1 SYLLABUS CLASS XII**

**ENGLISH**

**READING SECTION: (20 MARKS)**

1. NOTE MAKING – 8 MARKS
2. COMPREHENSION- 12 MARKS

**WRITING SECTION: (30 MARKS)**

3. SHORT COMPOSITIONS ( ADVERTISEMENT, NOTICE, POSTERS, INVITATIONS AND REPLIES) 4 MARKS
4. BUSINESS OR OFFICIAL LETTERS, LETTER TO EDITOR, APPLICATION FOR JOB 6 MARKS
5. ARTICLE/ DEBATE/ SPEECH/ REPORT 10 MARKS
6. ARTICLE/ DEBATE/ SPEECH/ REPORT 10 MARKS

**LITERATURE AND LONG READING TEXT: (30 MARKS)**

**LITERATURE:** 30 MARKS

**FLAMINGO:**

THE LAST LESSON

LOST SPRING

DEEP WATER

MY MOTHER AT SIXTY SIX

AN ELEMENTARY SCHOOL CLASSROOM IN SLUM

**VISTAS:**

THE THIRD LEVEL

THE TIGER KING

### **FIRST TERM SYLLABUS ( Psychology)**

1	Variations in Psychological Attributes
2	Self and Personality
3	Meeting Life Challenges

### **FIRST TERM SYLLABUS ( ECONOMICS)**

1	Money and Banking
2	Government Budget and the Economy
3	Balance of Payments
4	Foreign Exchange Rate
5	Indian Economy on the Eve of Independence
6	Indian Economy (1950-1990)
7	Economic Reforms Since 1991
8	Employment Growth and Informalisation and other issues

### **FIRST TERM SYLLABUS ( ACCOUNTANCY)**

1	ACCOUNTING FOR NPO
2	ACCOUNTING OF PARTNERSHIP FIRMS- FUNDAMENTALS
3	GOODWILL- CALCULATION AND TREATMENT
4	CHANGE IN PROFIT SHARING RATIO
5	ADMISSION OF A PARTNER
6	RETIREMENT AND DEATH OF A PARTNER

### **POLITICAL SCIENCE SYLLABUS**

	<b>Part A: Contemporary World Politics</b>
1	Cold Era
2	The end of bipolarity

3	US Hegemony in World Politics
4	Alternative centres of Power
5	Contemporary South Asia
6	International Organizations
7	Security in Contemporary World
8	Environment and Natural Resources
	<b>Total=80</b>

**MATHEMATICS  
TERM – I (SYLLABUS)  
CLASS – XII**

<b>S.NO.</b>	<b>TOPIC</b>
1.	INVERSE TRIGONOMETRIC FUNCTIONS
2.	MATRICES
3.	DETERMINANTS
4.	CONTINUITY AND DIFFERENTIABILITY
5.	APPLICATION OF DERIVATIVES
6.	INDEFINITE INTEGRALS

<b>TERM 1 -SYLLABUS (JULY EXAM) CLASS XII SUBJECT – B.STUDIES</b>		
<b>PART-A</b>	1	NATURE AND SIGNIFICANCE OF MANAGEMENT
		<b>MARKS-</b>

	2	PRINCIPLES OF MANAGEMENT	40
	3	BUSINESS ENVIRONMENT	
<b>PART -B</b>	1	FINANCIAL MARKET	<b>MARKS-40</b>
	2	MARKETING	

**COMPUTER SCIENCE  
TERM – I (SYLLABUS)  
CLASS – XII**

<b>S.NO.</b>	<b>TOPIC</b>	<b>MARKS</b>
1.	REVIEW OF PYTHON BASICS	10
2.	FUNCTIONS	10
3.	USING PYTHON LIBRARIES	5
4.	DATA FILE HANDLING	10
5.	COMPUTER NETWORK	20
6.	DATAMANAGEMENT	15

**TERM 1 SYLLABUS  
CLASS XII  
SUBJECR- HISTORY**

1	THE STORY OF THR FIRST CITIES:HARAPAN ARCHEOLOGY	10 MARKS
2	POLITICAL AND ECONOMIC HISTORY	15 MARKS
3	SOCIAL HISTORIES ; USING MAHABHARTA	15 MARKS
4	A HISTORY OF BUDDHISM ;SANCHI STUPA	10 MARKS
5	MEDEVIAL SOCITIES USING TRAVELLERS ACCOUNT	15 MARKS
6	RELIGIOUS HISTORIES:THE BHAKTI SUFIN TRADITION	15 MARKS

**TERM 1 SYLLABUS  
CLASS XII  
SUBJECT- PHYSICS**

Chapter-1	Electric charges and fields	15 Marks
Chapter-2	Electrostatic Potential and capacitance	15 Marks
Chapter-3	Current Electricity	20 Marks
Chapter-4	Moving Charges and Magnetism (up to page no. 156)	20 Marks

**FIRST TERM SYLLABUS ( HUMAN ECOLOGY AND FAMILY SCIENCES)**

	<b><u>UNIT-1 HUMAN DEVELOPMENT: LIFE SPAN APPROACH(PART-II)</u></b>
<b>1.</b>	<b>1.1 Adolescence(12-18yrs) Growth and development- Domains and principles. 1.2 Meaning , characteristics and needs of adolescents.</b>
<b>2.</b>	<b>Influence on identity formation-</b>  <b>2.1 biological and physical changes- early and late matures. (role of heredity and environment). 2.2 Influence of social, culture and media. 2.3 Emotional changes. 2.4 Cognitive changes.</b>
<b>3.</b>	<b>Specific issues and concerns related to adolescence</b>  <b>3.1 Eating disorders – causes, consequences and management- Anorexia Nervosa and Bulimia</b>
<b>4.</b>	<b>Specific issues and concerns of adolescents</b>  <b>4.1 Eating disorders:- Anorexia Nervosa and Bulimia. Their causes, consequences and management. 4.2 Depression 4.3 Substance Abuse</b>

	<p>4.4 Related to sex</p> <p>4.5 Handling stress and peer pressure</p>
5.	<p><b>Adulthood</b></p> <p>5.1 Young and middle adulthood - understanding and management of new responsibilities- career, marriage and family.</p> <p>5.2 Late Adulthood/ old age- health and wellness, their needs, care for elderly, anger management.</p>
1.	<p><b><u>Unit- II</u></b> <b><u>NUTRITION FOR SELF, FAMILY AND COMMUNITY</u></b></p> <p><b>Meal planning</b></p> <p>1.1 Meaning and importance, principles and factors affecting meal planning, nutritional needs , food preferences and diet modifications in different age group and during special conditions.</p> <p>1.2 Use of basic food groups (ICMR) and serving sizes n meal planning.</p> <p>1.3 Factors influencing selection of food.</p>
2.	<p><b>Food safety and quality.</b></p> <p>2.1 Safe food handling.</p> <p>2.2 Safety guards against food adulteration, definition and meaning of food adulteration as given by FSSAI.</p> <p>2.3 Common adulterants present in cereals, pulses, milk, milk products, fats, oils, sugar, jaggery, honey, spices and condiments.</p> <p>2.4 Effects of some of the adulterants present in food items- kesari dal, mentanil yellow and argemone seeds.</p> <p>2.5 Food standards( FPO, agmark and ISI)</p>
3.	<p><b>Therapeutic modifications of normal diet with respect to consistency, frequency, foodstuffs, nutrients and methods of cooking.</b></p>
4.	<p><b>Modifications of diet according to common ailments: diarrhoea, fever, jaundice, hypertension, diabetes and constipation. Learn Physiological changes, clinical symptoms, requirements and dietary requirements in each condition.</b></p>

**TERM 1 SYLLABUS**  
**CLASS XII**  
**SUBJECT- Physical Education**

1	PLANNING IN SPORTS
2	SPORTS AND NUTRITION
3	YOGA AND LIFESTYLE
4	PHYSICAL EDUCATION AND SPORTS FOR DIFFERENTLY ABLED
5	CHILDREN AND SPORTS
6	WOMEN AND SPORTS

**TERM 1 SYLLABUS**

**SUBJECT : FINEARTS (PAINTING)**

**CLASS XII**

- **UNIT 1 (RAJASTHANI SCHOOL OF ART & PAHARI SCHOOL OF ART**
- **UNIT 2 (MUGHAL SCHOOL OF ART & DECCAN SCHOOL OF ART)**

**GEOGRAPHY**

<b>Part A:</b>	<b>Fundamentals of Physical Geography</b>
<b>Unit 1:</b>	<b>Human Geography: Nature and Scope</b>

<b>Unit 2:</b>	<p><b>People</b></p> <ul style="list-style-type: none"> <li>□ Population-distribution, density and growth</li> <li>□ Population change-spatial patterns and structure; determinants of population change</li> <li>□ Population Composition - age-sex ratio; rural-urban composition</li> <li>□ Human development - concept; selected indicators, international comparisons</li> </ul>
<b>Part B:</b>	<b>India: People and Economy</b>
<b>Unit 1:</b>	<ul style="list-style-type: none"> <li>□ Population: distribution, density and growth; composition of population - linguistic, religious; sex, rural-urban and occupational-regional variations in growth of population</li> <li>□ Migration: international, national-causes and consequences</li> <li>□ Human development: selected indicators and regional patterns</li> <li>□ Population, environment and developmen</li> </ul>
<b>Part A:</b>	<b>Fundamentals of Physical Geography</b>
<b>Unit 4:</b>	<p><b>Human Settlements</b></p> <ul style="list-style-type: none"> <li>□ Settlement types – rural and urban; morphology of cities (case study); distribution of mega cities; problems of human settlements in developing countries</li> </ul>
<b>Unit 3:</b>	Primary Activities, Secondary Activities
<b>Part B:</b>	<b>India: People and Economy</b>
<b>Unit 2:</b>	<p><b>Human Settlements</b></p> <ul style="list-style-type: none"> <li>□ Rural settlements - types and distribution</li> </ul> <p>Urban settlements - types, distribution and functional classification</p>
<b>Unit 1:</b>	<p><b>PRACTICAL</b></p> <p><b>Processing of Data and Thematic Mapping</b></p> <ul style="list-style-type: none"> <li>□ Type and Sources of data: Primary, Secondary and other sources</li> <li>□ Tabulating and processing of data; calculation of averages, measures of central tendency</li> <li>□ Representation of data- construction of diagrams: bars, circles and flowchart; thematic maps; construction of dot; choropleth and isopleths maps</li> <li>□ Data analysis and generation of diagrams, graphs and other visual diagrams using computers</li> </ul>



<b>Part A:</b>	<b>Fundamentals of Physical Geography</b>
<b>Unit 3:</b>	Tertiary and Quaternary Activities, Transport and Communication, International Trade
<b>Unit 2:</b>	<p><b>PRACTICAL</b></p> <p><b>Field Study or Spatial Information Technology</b></p> <ul style="list-style-type: none"> <li>□ <b>Field visit and study:</b> map orientation, observation and preparation of sketch; survey on any one of the local concerns; pollution, ground water changes, land use and land-use changes, poverty, energy issues, soil degradation, impact of floods and drought, catchment area of school, Market survey and Household survey (any one topic of local concern may be taken up for the study; observation and questionnaire survey may be adopted for the data collection; collected data may be tabulated and analyzed with diagrams and maps). Students can be given different topics to get more insight into various problems of society.</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>□ <b>Spatial Information Technology</b> Introduction to GIS; hardware requirements and software modules; data formats; raster and vector data, data input, editing and overlay and buffer.</li> </ul>
<b>Part A:</b>	<b>Fundamentals of Physical Geography</b>
<b>Unit 3:</b>	<p><b>Resources and Development</b></p> <ul style="list-style-type: none"> <li>□ Land resources- general land use; agricultural land use; geographical conditions and distribution of major crops (Wheat, Rice, Tea, Coffee, Cotton, Jute, Sugarcane and Rubber); agricultural development and problems</li> <li>□ Water resources-availability and utilization-irrigation, domestic, industrial and other uses; scarcity of water and conservation methods-rain water harvesting and watershed management</li> <li>□ Mineral and energy resources- distribution of metallic (Iron ore, Copper, Bauxite, Manganese); non-metallic (Mica, Salt) minerals; conventional (Coal, Petroleum, Natural gas and Hydroelectricity) and non-conventional energy sources (solar, wind, biogas) and conservation</li> <li>□ Industries - types, factors of industrial location; distribution and changing pattern of selected industries- iron and steel, cotton textiles, sugar, petrochemicals, and knowledge based industries; impact of liberalization, privatization and globalization on industrial location; industrial clusters</li> </ul> <p>Planning in India- target group area planning (case study); idea of sustainable development (case study)</p>

**TERM 1 SYLLABUS  
CLASS XII  
SUBJECT- CHEMISTRY**

1	Ch.1 Solutions
2	Ch.2 Electrochemistry
3	Ch.9 Haloalkanes and Haloarenes
4	Ch.10 Alcohols ,Phenols and Ethers
5	Ch.11 Aldehydes ,Ketones and Carboxylic acids
6	Ch.13 Biomolecules
7	Ch.14 Polymers
8	Ch. 6 p-block elements (group 16 )

**FIRST TERM SYLLABUS (BIOLOGY)**

1	Reproduction in Organisms
2	Sexual Reproduction in Flowering Plants
3	Human Reproduction
4	Reproductive Health
5	Principles of Inheritance
6	Molecular Basis of Inheritance
7	Evolution
8	Biotechnology: Principles & Processes