

ARWACHIN BHARTI BHAWAN SR.SEC.SCHOOL

SYLLABUS (CLASS-XI)

SESSION-2018-19

SUBJECT-ENGLISH

JULY

READING:	Comprehension Passage.
WRITING:	Notice, Letter to the Editor
GRAMMAR:	Tenses
LITERATURE:	Portrait of a Lady, Photograph

JULY -UNIT TEST I

AUGUST

READING:	Comprehension Passage, Note Making.
WRITING:	Speech Writing, Notice, Letter to the Editor, Classified Advertisement (Situation Vacant/Wanted)
GRAMMAR:	Tenses and Voice
LITERATURE:	Portrait of a Lady, Photograph, We're Not Afraid to Die..., The Voice of Rain, The Summer OF Beautiful White Horse, The Address
NOVEL:	CH: 1TO 2

AUGUST- 1ST TERM

SEPTEMBER-OCTOBER

READING:	Comprehension Passage, Note Making
writing:	Article Writing, Enquiry Letter, Classified (Sale/Purchase)
GRAMMAR:	Tenses and Voice
LITERATURE:	Ailing Planet, Childhood.

OCTOBER- UNIT TEST II

NOVEMBER/DECEMBER

READING:	Comprehension Passage, Note Making
WRITING:	Speech Writing, Article Writing, Debate Writing, Matrimonial Advertisements, Placing an order and Complaint Letter.

GRAMMAR:	Tenses and Voice, Modals
LITERATURE:	Mother's Day, Browning Version, Father to Son.
NOVEL:	CH 1 TO 4

DECEMBER-IIND TERM

JANUARY/FEBRUARY

WRITING:	Cancellation of order, Application for job.
LITERATURE:	Birth
NOVEL:	CH 6 TO 8

COMPLETE SYLLABUS

FEBRUARY - ANNUAL EXAM

SUBJECT-MATHS

JULY

Ch-1 Sets
Ch-2 Relations and Functions

JULY -UNIT TEST I

AUGUST

Ch- 4 Principal Of Mathematical Induction
Ch-3 Trigonometric Functions
Ch-5 Complex Numbers
Ch-6 Linear Equations

AUGUST- IST TERM

SEPTEMBER

Ch-7 Permutations and Combinations
Ch-9 Sequences and Series

SEPTEMBER/OCTOBER

Ch- 8 Binomial Theorem

OCTOBER

Ch-10 Straight Lines

OCTOBER- UNIT TEST II

NOVEMBER

Ch-11 Conic Sections
Ch-12 Introduction to Three Dimensional Geometry
Ch-13 Limits and Derivatives

DECEMBER

DECEMBER - IIND TERM

JANUARY

Ch-14 Mathematical Reasoning
Ch-15 Statistics
Ch-16 Probability

FEBURARY

REVISION WORK AND ANNUAL EXAMINATIONS

FEBRUARY - ANNUAL EXAM

SUBJECT - PHYSICS

JULY

Chapter-1 Physical world
Chapter-2 unit and measurement
Chapter-3 motion in straight line

1ST UNIT TEST

AUGUST

Chapter-4 motion in plane
Chapter-5 laws of motion

SEPTEMBER

Chapter-6 work, energy and power
Chapter-7 system of particles and rotational motion

1ST TERM EXAM

REVISION

OCTOBER

Chapter-8 gravitation
Chapter-9 mechanical properties of solids
Chapter 10 fluids

2ND UNIT TEST

NOVEMBER

Chapter-11 thermal properties of matter

2ND TERM EXAMS

DECEMBER

Chapter-12 thermodynamics
Chapter-13 kinetic theory of gases
Chapter-14 oscillations

JANUARY

Chapter-15 waves

FEBRUARY

Revision and Final Exams

ANNUAL EXAMINATION

SUBJECT - CHEMISTRY

JULY

Basic Concept of Chemistry

UNIT TEST-I

AUGUST

Structure of Atom

SEPTEMBER

Periodic table
Chemical Bonding

Term-I EXAM

OCTOBER

Redox Rx
Thermodynamics

UNIT TEST-II

NOVEMBER

Basic Organic Chemistry

DECEMBER

S-block

TERM-II EXAM

JANUARY

P-block

FEBRUARY

ANNUALS EXAMS

SUBJECT - BIOLOGY

JULY

CHAPTER 16 - DIGESTION AND ABSORPTION
CHAPTER 17 - BREATHING AND EXCHANGE OF GASES
CHAPTER 1 - THE LIVING WORLD
CHAPTER 2 - BIOLOGICAL CLASSIFICATION
CHAPTER 3 - PLANT KINGDOM

UNIT TEST-I

AUGUST

CHAPTER 4 - ANIMAL KINGDOM
CHAPTER 5 - MORPHOLOGY OF FLOWERING PLANTS
CHAPTER 6 - ANATOMY OF FLOWERING PLANTS
CHAPTER 7 - STRUCTURAL ORGANISATION IN ANIMALS

TERM-I

SEPTEMBER

CHAPTER 8 - THE CELL
CHAPTER 9 - BIOMOLECULES

OCTOBER

CHAPTER 10 - CELL CYCLE AND CELL DIVISION
CHAPTER 11 - TRANSPORT IN PLANTS

UNIT TEST-II

NOVEMBER

CHAPTER 12 - MINERAL NUTRITION
CHAPTER 13 - PHOTOSYNTHESIS IN HIGHER PLANTS
CHAPTER 14 - RESPIRATION IN HIGHER PLANTS

DECEMBER

CHAPTER 15 - PLANT GROWTH AND DEVELOPMENT
CHAPTER 18 - BODY FLUIDS AND CIRCULATION
CHAPTER 19 - EXCRETORY PRODUCTS AND ITS
ELIMINATION
CHAPTER 20 - LOCOMOTION AND MOVEMENT

TERM-II

JANUARY

CHAPTER 21 - NEURAL CONTROL AND COORDINATION
CHAPTER 22 - CHEMICAL COORDINATION AND INTEGRATION

FEBRUARY ANNUALS

SUBJECT - COMPUTER SCIENCE

BOOK NAME: Computer science with PYTHON by Sumita Arora

JULY: UNIT 1: Programming and Computational Thinking

- Getting started with python

- Python fundamental
- Data handling

UNIT TEST -1

AUGUST

- Conditional and Iterative statements
- String manipulation

TERM-I EXAM

SEPTEMBER

- Debugging program
- List manipulation

OCTOBER

- Tuples
- Dictionaries

UNIT TEST-II

NOVEMBER

- Understanding sorting

UNIT:2 Computer system and organization

- State and transitions
- Computer system overview
- Data representation
- Boolean logic
- Insight into program execution

DECEMBER

UNIT 3:Data management-1

- Relational database
- Simple queries in sql
- Table creation and data manipulation commands
- Table joins and indexes in SQL
- Basics of NOSQL database -MONGODB

TERM-II EXAM

JANUARY

UNIT 4: Society, Law and Ethics

- Cyber Safety-2
- Online Access and Computer Safety-

FEBRUARY

Revision

ANNUAL EXAMS

HOME SCIENCE

JULY

Chapter 1 concept of home science

Chapter 2 Introduction to different stages of development

Chapter 3 Infancy

UNIT TEST -1

AUGUST Chapter 4 Childhood characteristics and behavioral problems

Chapter 5 Protection from preventable diseases

Chapter 6 Substitute care at home and outside

Chapter 7 special needs and care of disadvantage and differently able children

TERM-1 EXAM

SEPTEMBER

Chapter8 Managing emergencies

Chapter9 Definition of food, nutrition health and fitness

Chapter 10 selection of food for optimum nutrition and good health

OCTOBER

Chapter 11 selection and storage of food

Chapter 12 food processing

Chapter 13 preparation of food

Chapter 14 family and community resources

UNIT TEST-2

NOVEMBER

Chapter 15 Management process

Chapter 16 Time and energy management

Chapter 17 Space management: elements and principles of design

DECEMBER

Chapter 18 introduction to fiber science

Chapter 19 fabric construction

Chapter 20 fabric finishes

TERM-2 EXAMS

JANUARY

Chapter 21 Respect for girl child

Chapter 22 Income generating schemes

Chapter 23 communication concept and method

FEBRUARY

REVISION

ANNUAL EXAMS

SUBJECT - ACCOUNTANCY

JULY

Unit 1: Theoretical Framework

Introduction to Accounting

Theory Base of Accounting

Unit 2: Accounting Process

Recording of Transactions

FIRST UNIT TEST

AUGUST

Preparation of Bank Reconciliation Statement, Ledger and Trial Balance.

SEPTEMBER

Depreciation, Provisions and Reserves
Accounting for Bills of Exchange

FIRST TERM EXAMINATION

OCTOBER

Rectification of Errors
Unit 3: Financial Statements of Sole Proprietorship

SECOND UNIT TEST

NOVEMBER

Unit 4: Financial Statements of Not-for-Profit Organizations

DECEMBER

Unit 5: Computers in Accounting
Unit 6 - Single Entry System

SECOND TERM EXAMINATION

JANUARY

Project Work (10 Marks) and revision
ANNUAL EXAMINATION

SUBJECT - BUSINESS STUDIES

JULY

Unit 1: Nature and Purpose of Business

AUGUST

Unit 2: Forms of Business organizations
Unit 3: Public, Private and Global Enterprises

FIRST TERM EXAMINATION

SEPTEMBER

Unit 4: Business Services

OCTOBER

Unit 5: Emerging Modes of Business
Unit 6: Social Responsibility of Business and Business Ethics

NOVEMBER

Unit 7: Sources of Business Finance
Unit 8: Small Business

SECOND TERM EXAMINATION

DECEMBER

JANUARY

Unit 9: Internal Trade
Unit 10: International Trade

FEBRUARY

PROJECT WORK AND ANNUAL EXAMS
ANNUAL EXAMINATION

SUBJECT - ECONOMICS

JULY *STATISTICS*

UNIT- I Introduction of Statistics

Unit- II Collection and Organization of Data

MICRO ECONOMICS

UNIT -I Introduction of Micro Economics PPC & Central Problem

UNIT TEST I

AUGUST *STATISTICS*

UNIT -II Presentation of Data

UNIT- III Measures of Central Tendency

- Mean \bar{X}
- Median (M)

MICRO ECONOMICS

UNIT- II Consumes Behaviour

- IC Analysis
- Utility Analysis
-

FIRST - TERM EXAMINATION

SEPTEMBER *STATISTICS*

UNIT- III Measures of Central Tendency- MODE

MICRO ECONOMICS

UNIT-II Consumes Behaviors & Demand

-Elastic Of Demand

OCTOBER *STATISTICS*

UNIT - IV Measures of Dispersion

(Range, Quartile Range, Quartile Division, mean
Deviation Standard Deviation)

MICRO ECONOMICS

UNIT- III Produces Behaviour

- Product
- Cost
- **SECOND UNIT TEST**

NOVEMBER *STATISTICS*

UNIT- V Measures of Correlation (r)

MICRO ECONOMICS

UNIT- III Producer Behaviour

- Revenue
- Supply
- Elastic Of Supply

SECOND TERM EXAMINATION

DECEMBER *STATISTICS*

Measures of Index Number

MICRO ECONOMICS

- Produces Equilibrium (MC-MR approach)
- Forms of Markets

JANUARY *STATISTICS*

- Project Work

MICRO ECONOMICS

- Price determination under perfect competitive market

FEBRUARY REVISION

ANNUAL EXAMINATION

SUBJECT – POLITICAL SCIENCE

JULY

Part A: Indian Constitution at Work

1. Making of the Constitution

2. Fundamental Rights and Directive Principles

1ST UNIT TEST

3. Election and Representation

4. Legislature

5. Executive

6. Judiciary

7. Federalism

AUGUST

1ST TERM EXAMS

SEPTEMBER

OCTOBER

8. Local Government

9. Constitution as a living Document

Part B: Political Theory: An Introduction

10. Political Theory :An Introduction

2nd UNIT TEST

NOVEMBER

11. Freedom

12. Equality

13. Justice

14. Rights

DECEMBER

15. Citizenship

2ND TERM EXAMS

JANUARY

16. Nationalism

17. Secularism

18. Peace

19. Development

Revision

FEBRUARY

ANNUAL EXAMINATIONS

SUBJECT - HISTORY

JULY

UNIT - 1 Introduction to World History

Section A : Early Societies

UNIT - 2 Introduction

UNIT - 3 From the Beginning of time

UNIT TEST -1

UNIT - 4 Early Cities

Section B : Empires

UNIT - 5 Introduction

UNIT - 6 An Empire across these continents

AUGUST

UNIT - 7 Central Islamic Land

IST -TERM EXAM

SEPTEMBER

UNIT - 8 Nomadic Empires
Section C : Changing Traditions
UNIT - 9 Introduction
UNIT - 10 Three orders

OCTOBER

UNIT - 11 Changing Cultural traditions
UNIT - 12 Confrontation of Culture

UNIT TEST- II

NOVEMBER

Section D : Paths to Modernisation
UNIT - 13 Introduction
UNIT - 14 The Industrial Revolution
UNIT - 15 Displacing Indigenous people

DECEMBER

UNIT - 16 Paths to Modernisation and Project work

IIND - TERM EXAM

JANUARY

Revision and Annual Practical

FEBRUARY

ANNUAL EXAMINATION

SUBJECT - HINDI

पाठ्य पुस्तकें

अंतरा भाग - 1
अंतराल भाग-1
जनसंचार

जुलाई

अंतराल पाठ - 1
अंतरा भाग - 1 गद्यखण्ड 1,2
अंतरा भाग - 1 काव्य खंड - 1

जुलाई

अंतरा काव्य खंड पाठ-2
अभिव्यक्ति व माध्यम पत्र (रिपोर्ट ,आलेख)

अगस्त

अंतरा भाग - 1 निबंध लेखन
गद्यखण्ड पाठ-3
काव्य खंड पाठ- 1

प्रथम सत्रीय परीक्षा

अंतरा गद्यखण्ड

पाठ-3
पत्रकारिता संपादन अभिव्यक्ति व माध्यम
पुनरावृत्ति
पाठ - 2

सितम्बर

अंतराल भाग - 1

अंतरा भाग - 1

काव्य पाठ-3,4
गद्यखण्ड पाठ-4,5
पत्र लेखन

अक्टूबर

अंतरा

काव्य खण्ड-5,6

अंतरा

गद्यखण्ड-6

नवंबर

अंतरा

गद्यखण्ड 7,8

अंतरा

काव्य खण्ड 7,8

अभिव्यक्ति व माध्यम

(फीचर लेखन)

दिसंबर - पुनरावृत्ति कार्य तथा द्वितीय सत्रीय परीक्षा

जनवरी

अंतरा भाग-1

गद्यखण्ड पाठ-9

काव्य खण्ड 9,10

फरवरी पुनरावृत्ति कार्य तथा वार्षिक परीक्षा