

SYLLABUS
(2016 - 2017)
CLASS - X

Please Note:

The lessons are to be taught in the sequence given in the syllabus booklet. Do not skip lessons/topics or reverse the order in any way.

Subject: English

Unit-I

Prose

- (1) Foot Prints without Feet
- (5) An Excellent Father

Poetry

- (2) Prayer
- (6) Miracles

Short Stories: (3) Necklace

Grammar

- (4) Notice Writing (7) Punctuation (8) Dialogue Writing
- (9) Homonyms & Homophones

Unit-II

Prose

- (10) From the Diary of a young girl.
- (14) Long walk to freedom

Poetry

- (11) When you are old
- (15) Speak up
- (17) Snow Drop

Short Story: (12) Bholi

Grammar

- (13) Agreement of verb with the subject
- (16) Phrases/Idioms
- (18) Pronouns
- (19) Modals

Term-I

Prose

- (20) The Sermon at Banares (23) Papachi's Moth
- (26) The Ghat of the only World

Poetry

- (21) My Mother at Sixty-six
- (24) An Evening Wet with Rain

Short Stories:

- (22) Abhilay

Grammar

- (25) Tenses
- (27) Active/Passive Voice (28) Editing and Proof reading
- (29) Paragraph Writing/Note Writing / Note Taking
- (30) Letter Writing – (Formal and informal)
- (31) Essay Writing (Controlled - Speech Writing, Article Writing.

(Contd.)

Term-II (Golden)

Prose

(32) The Merchant of Venice

Poetry

(33) The Tale of the Custard the Dragon

(37) Last Lesson of the Afternoon

(40) From I Explain a few Things

Short Stories:

(34) The Servant (38) The Dusk

(41) Out of Business

Play

(35) The Proposal

Grammar

(36) Articles (39) Linkers (Conjunctions)

(42) Clauses (43) Jumbled Sentences

(44) Narration (45) Essay Writing (Controlled)-Speech writing,
Article writing.

(46) Letter Writing — (Formal and informal)

(47) Message Writing

Subject: Mathematics

Unit-I

1. Real Numbers
2. Polynomial
3. Linear Equation

Unit-II

4. Quadratic Equation
5. Similar Triangles
6. Probability

Term-I

7. Trigonometry
8. Circles
9. Geometrical Constructions

Term-II (Golden)

10. Surface Area
11. Co-ordinate Geometry
12. Arithmetic Progression

Subject: Social Studies

BOOKS: Prescribed by J&K Board

Unit-I HISTORY

1. Nationalism in Europe
Growth of Nationalism in Europe - Age of Revolution 1830-1848.
Making of Germany & Italy, Visualising the Nation, Nationalism and Imperialism.
3. Nationalism in India
First World War, Khilafat & Non-Cooperation Movements, Different stands within the movement. Towards Civil Disobedience Movement.

POLITICAL SCIENCE

2. Power Sharing
4. Federalism

Unit-II HISTORY

5. Rise of Global World
Before the industrial revolution. Hand Labour and Steam Power. The 19th Century 1815-1914. Inter War Economy. Rebuilding World Economy. The Post War Era.

POLITICAL SCIENCE

6. Democracy and Diversity
7. Gender, Caste and Religion
8. Popular Struggles and Movements

Term-I HISTORY

9. The Age of Industrialization
Industrialization in Colonies, Factories coming up. Peculiarities of Industrial Growth. Market for goods.

OR

Work, Life and Leisure

Cities in the contemporary World - Characteristics Social Change in City. Politics in the city. City in Colonial India. Cities and challenges of the Environment.

POLITICAL SCIENCE

10. Political Parties

ECONOMICS [Page No. 1-16]

11. Employment, Sectoral Growth Performance Agriculture & Allied

(Contd.)

Sectors. Floriculture, Horticulture, Live Stock, Fisheries, Sericulture, Forests, Mineral Resources of J&K, Medium & Small Scale Industries, Service Sector.

DISASTER MANAGEMENT

12. Protecting Ourselves From Disasters [Pg. 28-40]

Survival Skills, Search & Rescue - its objectives

Jobs of Rescue teams and their equipment, First Aid, Fire Incident & Burns, Mechanical Defebvillation, Heat Stroke, Snake

Term-II (Golden)

HISTORY

13. Print, Culture and Modern World

Print Culture and the Modern World. The first printed books. Print comes to Europe. Print Revolution and its Impact, Reading Mania.

OR

Nineteenth century India and the World of Print. Religious Reforms and public debates. New forms of publications, Print and Censorship.

POLITICAL SCIENCE

14. Outcomes of Democracy

15. Challenges to Democracy

ECONOMICS [Page No. 17-25]

16. Tourism Industry in J&K, Employment Generation, Sectoral Initiatives taken by the Govt for Employment

DISASTER MANAGEMENT [Page No. 41-51]

17. Safe construction practices, Safety measures, Communication during disasters, Role of community, Role of local and State bodies. Ill effects of polythene.

GEOGRAPHY

Unit-I

(1) Resources: Concept, classification & Management

(2) Land Resources *(Map work of the above lessons)*

Unit-II

(3) Water Resources

(4) Agriculture *(Map work of the above lessons)*

Term-I

(5) Forest & Wild life

(6) Mineral Wealth *(Map work of the above lessons)*

Term-II (Golden)

(7) Manufacturing Industries

(8) Disaster Profile *(Map work of the above lessons)*

Subject: Hindi

Book :

नवभारती भाग कक्षा -१०,
मानक हिन्दी व्याकरण

Unit-I

व्याकरण

(1) साखी- कबीर (3) जम्मू कश्मीर में हिंदी

(2) संज्ञा (4) सर्वनाम (5) समास (6) उपयोगी शब्द संग्रह

Unit-II

व्याकरण

(7) हमारा प्यारा भारतवर्ष (9) दोहे (10) सपनों के से दिन

(8) विशेषण

Term-I

व्याकरण

(11) नारी श्रृंगार (13) कैकेयी का अनुताप (15) भिक्षुक (16) कश्मीर का लोकनाटक बाँड-पौडथर

(12) पदबंध (14) क्रिया विशेषण, उपयोगी शब्द संग्रह

Golden

व्याकरण

(17) जम्मू की चित्रकला (18) हिन्दी जन की बोली (20) मानवता,
(22) बड़े भाई साहब (24) हरिहर काका (25) पर्वत प्रदेश में पावस,
(26) मधुर-मधुर मेरे दीपक जल ।

निबन्ध लेखक

(19) अलंकार (21) छंद (23) उपसर्ग (27) प्रत्यय

सामाजिक, आर्थिक, औद्योगिक, व्यवसायिक,
राजनैतिक, सांस्कृतिक, खेलकूद तथा यात्रा संबंधी।

पत्र लेखन

सामाजिक, व्यावसायिक, निजी पत्र आदि।

हिन्दी साहित्य का इतिहास

(28) उपन्यास

(29) नाटक

(30) कहानी संकलन

(31) एकांकी

(32) रेखाचित्र / संस्मरण

(33) आत्मकथा / जीवनी

(34) हिन्दी काव्य के काल संबंधी

(35) साहित्य के काल संबंधी

Subject: Urdu

یونٹ - اول

- (1) حصہ نثر داستان سیر چوتھے درویش کی میرامن
- (2) غزل میر تقی میر
- (3) نظم مفلسی نظیر اکبر آبادی
- (4) قطعہ ”نوکروں پر سخت گیری کرنے کا انجام“ الطاف حسین حالی
- (5) رباعی رُواں

یونٹ - دوم

- (6) نثر ناول اور مزاج دارلٹ گئی ڈپٹی نذیر احمد
- (7) افسانہ آسمان پھول اور لہو نور شاہ
- (8) مقالہ اقبال اور انسانیت خواجہ غلام السیدین
- (9) غزل آتش
- (10) مرثیہ حضرت علی اصغرؑ کے لئے پانی مانگنا سلامت علی دبیر
- (11) نظم اولوالعزمی محمد حسین آزاد
- (12) غزل غالب (13) شاد

ٹرم - اول

- (14) نثر خاکہ حالی عبدالحق
- (15) انشائیہ خوشامد سرسید احمد خان
- (16) غزل فانی
- (17) قصیدہ شہر آشوب محمد رفیع سودا

- (18) غزل عرش اکبر جے پوری
- (19) نعت ”بنی نوع انسان کا غم خوار آیا“
- (20) نظم ”رامائن کا ایک سین“
- (21) رباعی میر انیس
- (22) مضامین سماجی، تفکر یہ، بیانیہ (اہم شخصیات)
- خطوط نجی، دفتری، کاروباری
- رسا جاوَدانی
- برج نرائن چکبست

ثرم دوم

- (23) نثر افسانہ عبرت منشی پریم چند
- (24) ڈراما بورکے لڈو محمد عمر نور الہی
- (25) غزل ہمد کشمیری
- (26) نظم جگنو علامہ اقبال
- (27) غزل شیب رضوی
- (28) شکست انتظار یسین بیگ
- مضامین سماجی، تفکر یہ، بیانیہ۔ (اہم شخصیات)
- خطوط نجی، دفتری، کاروباری
- نوٹ: گرامر بہارستان اُردو کے تمام اسباق میں داخل درس ہے۔

Subject: Science

Physics

Unit - I

(1) Magnetic effects of current

PRACTICALS:

Draw the magnetic lines for a bar magnet using a compass needle.(1)

Unit - II

(2) Reflection and Refraction

PRACTICALS:

1. Verify the laws of reflection by using a mirror strip.(2)
2. Show the image formed as far behind as the object is placed in front of a plane mirror.(3)
3. Prove $\angle i = \angle e$ by using a glass slab.(4)
4. Prove $\angle i + \angle e = \angle A + \angle D$ by using a glass prism. (5)

Term - I

(3) The human eye and the colourful world

(4) Electricity

PRACTICALS:

1. Verify Ohm's Law(6)
2. Find the focal length of a concave mirror by using the candle, wire-gauze & screen.(7)
3. Verify laws of refraction using a glass slab.(8)

Term - II

(GOLDEN)

(5) Sources of energy

PRACTICALS:

1. Prepare an electromagnet and observe the relationship between the direction of current & polarity of a magnet.(9)
2. Trace the path of the rays through a glass prism to measure angle of Deviation.(10)

Chemistry

Unit - I

(1) Carbon and its compounds (upto Homologous Series)

Practical:- Determine the pH of water obtained from different sources of water.

Unit - II

- (2) (i) Carbon and its compounds (upto Soaps and Detergents)
(ii) Periodic Classification of Elements

Practical: - Determine the pH of juices obtained from different fruits. (P.T.O.)

Term - I

(4) Chemical reactions and equations.

(5) Metals and non metals (excluding Extraction of metals)

Practical: -

1. Preparation of soap.
2. Simple acid base volumetric acid base titrations.

Term - II

(Golden)

(6) Extraction of Metals (from metals and non-metals)

(7) Acid, Bases and Salts

Practical: -

1. To prepare Hydrogen gas by the action of dil H_2SO_4 on Zinc & study its properties.
2. To test the conductivity of various Salt Solutions

The topic "Structure of Atom" concept of the chapter will be given to the children in the beginning of the session.

BIOLOGY

Unit-I

(1) Life Processes

Practical:

Identification of organs through charts / models of the following:-

- (a) Digestive system in humans
- (b) Circulatory system in humans
- (c) Nervous system in humans
- (d) Respiratory system in humans

Unit-II

(2) Control & Coordination

Practical:

- (a) To study the reproductive organs of a flower
- (b) To measure the body temperature and pulse rate.

Term-I

(3) How do organisms reproduce?

(4) Heredity and Genetics

Practical:

- (a) To measure the blood pressure using sphygmomanometer.

Project work:

- (a) Preparation of Vermicomposting (Earthworm)
- (b) Effects of water pollution

Term-II (Golden)

(5) Our Environment

(6) Management of natural resources

Practical:

(Contd.)

- (i) To show that green plants synthesize carbohydrates.
- (ii) To prepare and study the temporary mount of lactobacillus.
- (iii) To study the micro-organisms in stagnant water under Microscope
- (iv) To study Mendelian ratio using pea seeds

Project work:

- (a) Making a herbarium with at least 10 aquatic and 10 terrestrial plants.
- (b) Effects of air and noise pollution.