Commission of Education (Meerut Diocese)
Director — Rev. Fr. K.V. George

TERM – 01 SYLLABUS (2024 – 25)
CLASS – X
M. T. – 3 Hours   SUBJECT – ENGLISH LANGUAGE & LITERATURE (184)   M.M – 80

First Flight
*Prose
1. A Letter to God
2. Nelson Mandela – Long Walk to Freedom
3. Two Stories About Flying
4. From the Diary of Anne Frank
5. Glimpses of India

*Poems
1. Dust Of Snow
2. Fire and Ice
3. A Tiger in The Zoo
4. How To Tell Wild Animals
5. The Ball Poem

Footprints Without Feet
1. A Triumph Of Surgery
2. The Thief's Story
3. The Midnight Visitor
4. A Question Of Trust

Grammar
Determiners
Modals
Subject – Verb Concord

Reading
1. Discursive Passage of 400- 450 Words
2. Case Based Factual Passage.200-250 Words

Writing
Writing A Formal Letter Based on A Given Situation, In 100 -120 Words.
Writing An Analytical Paragraph In 100 -120 Words On A Given Map /Chart/Graph/Cue/S.

Question Paper Pattern

Section A - Reading Skills
1. Discursive Passage Of 400- 450 Words.
   (4 Mcqs And 4 Subjective Questions 1+1+2+2)   10 Marks
2. Case Based Factual Passage.200-250 Words (3 Mcqs, 2 Fill Ups And 4 Subjective
   Questions 1+2+2)   10 Marks

Section B - Writing Skills And Grammar

3. Grammar Exercises ((Based On Determiners, Modals, Verb Concord)   1x10= 10 Marks
   (Gap Filling , Error Correction, Fill In The Blanks)
4. Writing A Formal Letter Based On A Given Situation. (About 100- 120 Words)   5 Marks
5. Writing An Analytical Paragraph. (About 100- 120 Words), On A Given Map /Chart /
   Graph / Cue/S.   5 Marks

Section C – Literature

6. Extract From Prose/ Drama (Mcqs And Objective Questions)   5 Marks
7. Extract From Poetry   (Mcqs And Objective Questions)   5 Marks
8. 4 Short Ans Type Questions 40-50 Words From First Flight   4x3 = 12 Marks
9. 2 Short Ans Type Questions 40-50 Words From Footprints   2x3 = 6 Marks
10. 1 Long Ans Type Questions 100-120 Words From First Flight   6 Marks
11. 1 Long Ans Type Questions 100-120 Words From Footprints   6 Marks

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TERM – 01 SYLLABUS (2024 – 25)
CLASS – X

M. T. – 3 Hours	SUBJECT – HINDI (002)	M.M. – 80

क्षितिज:-   **11 MARKS**

● काव्य खंड

  ○ सूरदास के पद   ○ राम लक्ष्मण परशुराम संवाद   ○ आत्मकथ्य

गद्यखण्ड-   **11 MARKS**

  ○ नेताजी का चश्मा ○ बालगोबिन भगत   ○ लखनवी अंदाज़

  ○ Deleted Chapters

  ○ सवैया कविता   ○ मानवीय करुणा की दिव्य चमक

कृतिका:   **08 MARKS**

  ○ माता का आँचल ○ साना-साना हाथ जोड़ि

व्याकरण:-   **16 MARKS**

  ● वाक्य भेद (रचना के आधार पर)   ● वाच्य,

  ● पद-परिचय

  ● अलंकार - उपमा, रूपक, उत्प्रेक्षा, मानवीकरण, अतिशयोक्ति

- पत्रलेखन, अनुच्छेद लेखन   **05+06= 11 MARKS**
- विज्ञापन, संदेश लेखन   **04 MARKS**
- स्ववृत लेखन , ई-मेल   **05 MARKS**
- अपठित गद्यांश, अपठित काव्यांश   **07+07= 14 MARKS**

TERM – 01 SYLLABUS (2024 – 25)

TERM – 01 SYLLABUS (2024 – 25)
CLASS – X
M. T. – 3 Hours   SUBJECT – MATHEMATICS (041)   M.M. – 80

UNIT I: NUMBER SYSTEMS

1. **REAL NUMBER**   **08 Marks**

   Fundamental Theorem of Arithmetic - statements after reviewing work done earlier andafter illustrating and motivating through examples, Proofs of irrationality of
   $\sqrt{2}, \sqrt{3}\ \sqrt{5}$

UNIT II: ALGEBRA

1. **POLYNOMIALS**   **08 Marks**

   Zeros of a polynomial. Relationship between zeros and coefficients of quadratic polynomials.

2. **PAIR OF LINEAR EQUATIONS IN TWO VARIABLES**   **12 Marks**

   Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency.
   Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems.

3. **QUADRATIC EQUATIONS**   **12 Marks**

   Standard form of a quadratic equation $ax^2 + bx + c = 0, (a \neq 0).$ Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula.
   Relationship between discriminant and nature of roots.
   Situational problems based on quadratic equations related to day to day activities to be incorporated.

4. **ARITHMETIC PROGRESSIONS**   **15 Marks**

   Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems.

UNIT III: COORDINATE GEOMETRY

1. **COORDINATE GEOMETRY**   **10 Marks**
    Review: Concepts of coordinate geometry, graphs of linear equations. Distance formula.Section formula (internal division).

UNIT V: TRIGONOMETRY
1. **INTRODUCTION TO TRIGONOMETRY**   **15 Marks**
    Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined); motivate the ratios whichever are defined at 0° and 90°. Values of the trigonometric ratios of 30^0, 45^0 and 60^0. Relationships between the ratios.

	TERM – 01 SYLLABUS (2024 – 25)	
	CLASS – X	
M. T. – 3 Hours	**SUBJECT – SCIENCE (086)**	**M.M. – 80**

Theme: Materials: - Chemical Substances - Nature and Behaviour

Chemical reactions and Equations   **12 MARKS**

Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction.

Acids, bases and salts: **15 MARKS**
Their definitions in terms of furnishing of H+ and OH– ions, General properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleachingpowder, Baking soda, Washing soda and Plaster of Paris.

Theme: The World of the Living

Life processes: **13 MARKS**
'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals.
Control and co-ordination in animals and plants: **13 MARKS**
Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones.

Theme: Natural Phenomena

Light reflection and refraction   **15 Marks**
Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required),magnification.
Refraction; Laws of refraction, refractive index.
Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens.

Natural Phenomena The Human eye and colourful world   **12 Marks**
Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses.
Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life (excluding colour of the sun at sunrise and sunset).

<table>
<tr><td colspan="3" align="center">TERM – 01 SYLLABUS (2024 – 25)
CLASS – X</td></tr>
<tr><td>M. T. – 3 Hours</td><td align="center">SUBJECT – SOCIAL SCIENCE (087)</td><td align="right">M.M. - 80</td></tr>
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History   **(18+2 map pointing)= 20 Marks**
1. The Rise of Nationalism in Europe
2. Nationalism in India
3. The making of a Global world

Geography   **(17+3 map pointing)= 20 Marks**
1. Resources and Development
2. Forest and Wildlife ResourcesCh- 3. Water Resources
3. Agriculture

Political Science   **20 Marks**
1. Power Sharing
2. Federalism
3. Gender Religion and Caste

Economics   **20 Marks**
1. Development
2. Sectors of The Indian Economy
3. Money and Credit

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List of areas to be located /labelled on the map.

1. Congress session:
   1920 Calcutta
   1920 Nagpur
   1927 Madras
2. Satyagrah Movements:
   A. Kheda
   B. Champaran
   C. Ahmedabad Mill workers
3. Jalianwala Bagh
4. Dandi March
5. Identify Major soil types.
6. Locating and Labeling
   A. Salal
   B. Bhakra Nangal
   C. Tehri
   D. Rana Pratap Sagar
   D. Sardar Sarovar
   E. Hirakund
   F. Nagarjuna Sagar
   G. Tuhgabhadra
7. Identify:
   A. Major areas of Rice and wheat
   B. Largest/ Major Producer states of Sugarcane, Coffee, Tea, Cotton and Jute

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TERM – 01 SYLLABUS (2024 – 25)		
CLASS – X		
M. T. – 2 Hours	SUBJECT – INFORMATION TECHNOLOGY (402)	M.M. - 50

Employability Skills:

1. Communication Skills		05 MARKS
2. Self-management Skills		05 MARKS

Subject Specific Skills

1. Digital Documentation (Advanced)		20 MARKS
2. Electronic Spreadsheet (Advanced)		20 MARKS