

# Commission of Education (Meerut Diocese)

Director – Rev. Fr. K.V. George

**TERM – 01 SYLLABUS (2024 – 25)**

**CLASS – IX**

**M. T. – 3 Hours    SUBJECT – ENGLISH LANGUAGE & LITERATURE (184)    M.M – 80**

## Grammar

- Subject Verb Concord
- Modals
- Tenses

## Literature

- Beehive (Prose)
- The Fun They Had
- The Sound Of Music
- The Little Girl
- A Truly Beautiful Mind
- The Snake and The Mirror

## Poems

- The Road Not Taken
  - Wind
  - Rain On The Roof
  - The Lake Isle Of Innisfree
  - Moments
  - The Lost Child
  - The Adventures Of Toto
- 3) Iswaran The Storyteller  
4) In The Kingdom Of Fools

## Question Paper Pattern (80 Marks)

### Section A - Reading Skills

**(20)**

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

### Section B - Writing Skills and Grammar

**(20)**

3. Grammar Exercises ((Based On Tenses, Modals And Verb Concord)  
(Gap Filling, Error Correction, Fill In The Blanks) 1x10= 10 Marks
4. Writing A Descriptive Paragraph (About 100-120 Words), Describing  
A Person Based On Visual Or Verbal Cue/S. 5 Marks
5. Writing A Descriptive Paragraph (About 100- 120 Words), Describing  
An Event / Place / Situation Based On Visual Or Verbal Cue/S. 5 Marks

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## Section C – Literature

(40)

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

**TERM – 01 SYLLABUS (2024 – 25)**

**CLASS – IX**

**M. T. – 3 Hours**

**SUBJECT – HINDI (002)**

**M.M. – 80**

**क्षितिज-**

**11+11=22 MARKS**

1. दो बैलों की कथा
2. लहासा की ओर
3. उपभोक्तावाद की संस्कृति
4. साखियां व सबद
5. वाख
6. सवैये

**कृतिका---**

**08 MARKS**

इस जलप्रलय में

**व्याकरण-**

**16 MARKS**

उपसर्ग, प्रत्यय, समास, अलंकार (अनुप्रास, यमक, श्लेष)

वाक्यभेद (अर्थ के आधार पर)

पत्रलेखन, अनुच्छेद लेखन,

**06+05= 11 MARKS**

संवाद लेखन ,लघुकथा लेखन, ई-मेल लेखन, सूचना लेखन

**04+05= 09 MARKS**

अपठित गद्यांश, अपठित काव्यांश

**07+07= 14 MARKS**

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**TERM – 01 SYLLABUS (2024 – 25)**

**CLASS – IX**

**M. T. – 3 Hours**

**SUBJECT – MATHEMATICS (041)**

**M.M. – 80**

## UNIT I: NUMBER SYSTEMS

### 1. REAL NUMBERS

**20 Marks**

1. Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers.
2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as  $\sqrt{2}$ ,  $\sqrt{3}$  and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.
3. Definition of nth root of a real number.
4. Rationalization (with precise meaning) of real numbers of the type  $\frac{1}{a+b\sqrt{x}}$  and  $\frac{1}{\sqrt{x}+\sqrt{y}}$  (and their combinations) where x and y are natural number and a and b are integers.
5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)

## UNIT II: ALGEBRA

### 1. POLYNOMIALS

**20 Marks**

Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. Factorization of  $ax^2 + bx + c$ ,  $a \neq 0$  where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem.

Recall of algebraic expressions and identities. Verification of identities:

$$(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$$

$$(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$$

$$x^3 \pm y^3 = (x \pm y)(x^2 \mp xy + y^2)$$

$$x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$$

and their use in factorization of polynomials.

### 2. LINEAR EQUATIONS IN TWO VARIABLES

**12 Marks**

Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type  $ax + by + c = 0$ . Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line.

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## UNIT III: COORDINATE GEOMETRY

### 1. COORDINATE GEOMETRY

08 Marks

The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.

## UNIT IV: GEOMETRY

### 1. INTRODUCTION TO EUCLID'S GEOMETRY

05 Marks

History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example:

(Axiom) 1. Given two distinct points, there exists one and only one line through them.

(Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.

### 2. LINES AND ANGLES

15 Marks

(Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is  $180^\circ$  and the converse.

(Prove) If two lines intersect, vertically opposite angles are equal.

(Motivate) Lines which are parallel to a given line are parallel.

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## TERM – 01 SYLLABUS (2024 – 25)

### CLASS – IX

M. T. – 3 Hours

SUBJECT – SCIENCE (086)

M.M. – 80

- CH1:- MATTER IN OUR SURROUNDING 15 MARKS
- CH2:- IS MATTER AROUND US PURE? 12 MARKS
- CH5:- THE FUNDAMENTAL UNIT OF LIFE 13 MARKS
- CH6:- TISSUES 13 MARKS
- CH7:- MOTION 12 MARKS
- CH8:- FORCE AND LAWS OF MOTION 15 MARKS

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**TERM – 01 SYLLABUS (2024 – 25)**

**CLASS – IX**

**M. T. – 3 Hours**

**SUBJECT – SOCIAL SCIENCE (087)**

**M.M. - 80**

**HISTORY**

**(18+2 map pointing) 20 Marks**

1. The French Revolution
2. Socialism in Europe and the Russian Revolution
3. Nazism and the rise of Hitler

**GEOGRAPHY**

**(17+3 map pointing) 20 Marks**

1. India, size and location
2. Physical features of India
3. Drainage

**CIVICS**

**20 Marks**

1. What is Democracy? Why Democracy?
2. Constitutional Design
3. Electoral Politics

**ECONOMICS**

1. People as resources
  2. Poverty as a challenge
- 20 Marks**

	Name of the Chapter	List of Areas to be located /labelled/ identified on the map
<b>History</b>	French Revolution	Outline political map of France. Locate/label/identify. Bordeaux, Nantes, Paris and Marseille
	Socialism in Europe and the Russian Revolution	Outline political map of the World. Locate/label/identify Major countries of First World War: Central Powers: Germany, Austria-Hungary, Turkey (Ottoman Empire). Allied Powers – France, England, Russia and USA
	Nazism and the Rise of Hitler	Outline Political Map of World. Locate/label/identify Major countries of Second World War Axis: Powers – Germany, Italy, Japan Allied Powers – UK, France, Former USSR, USA
<b>Geography</b>	India : size and location	India – States and Capitals Tropic of Cancer, Standard Meridian (Location and Labeling) Neighbouring Countries
	India physical features	Mountain Ranges : The Karakoram, The Zanskar, The Shivalik, The Aravali, The Vindhya, The Satpura, Western and Eastern Ghats Mountain Peaks – K2, Kanchan Junga, Anai Mudi Plateau – Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau Coastal Plains – Konkan, Malabar, Coromandel & Northen Circar (Location and Labelling)
	Drainage system	Rivers (Identification only) The Himalayan River Systems – The Indus, The Ganges and The Sutlej The Peninsular Rivers – The Narmada, The Tapti, The Kaveri, The Krishna, The Godavari, The Mahanadi Lakes – Wular, Pullicat, Sambar, Chilika
	Population	Population density of all states The state having highest and lowest density of population

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**TERM – 01 SYLLABUS (2024 – 25)**

**CLASS – IX**

**M. T. – 2 Hours**

**SUBJECT – INFORMATION TECHNOLOGY (402)**

**M.M. - 50**

## **Employability Skills**

- |                           |          |
|---------------------------|----------|
| 1. Communication Skills   | 08 MARKS |
| 2. Self-management Skills | 07 MARKS |

## **Subject Specific Skills**

- |                                     |          |
|-------------------------------------|----------|
| 1. Introduction to Ites Industry    | 10 MARKS |
| 2. Data Entry & Key Boarding Skills | 10 MARKS |
| 3. Digital Documentation            | 15 MARKS |
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