



# Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

## SYLLABUS FOR SEPTEMBER TEST (2024-2025)

**CLASS: X**

### **DATESHEET**

Date	Day	Subject
23/09/2024	Monday	Maths
24/09/2024	Tuesday	Social Science
25/09/2024	Wednesday	English
26/09/2024	Thursday	AI
27/09/2024	Friday	Hindi
28/09/2024	Saturday	Science

### **SYLLABUS AND BLUEPRINT**

#### **ENGLISH [50 MARKS]**

##### **Section A – Reading**

\* Continuous/Non-continuous Passage

##### **Section B – Writing**

- \* Email Writing
- \* Formal Letter
- \* Factual description (Person/Object)

##### **Section C - Grammar**

- \* Tenses
- \* Determiners
- \* Subject-Verb Concord
- \* Modals

##### **Section D- Literature**

- \***Fiction** – 1. Two Gentlemen of Verona  
2. Mrs. Packletide's Tiger  
3. The Letter  
4. A Shady Plot
- \***Poetry** – 1. The Frog and The Nightingale  
2. Not Marble, Nor the Gilded Monuments  
3. Ozymandias  
4. Snake

#### **BLUE PRINT**

##### **NOTE:**

1. Questions will be a mix of Objective and Subjective
2. Question Paper contains FOUR sections.

##### **SECTION A- READING**

**[10 Marks]**

**QI.** This section will have an unseen passage with ten questions. Five are in the form of MCQs, and five are subjective. All the questions are compulsory. **(10X1=10 Marks)**

##### **SECTION B – WRITING**

**[8 marks]**

- QII.** Email Writing (Word Limit- 50 words) **(3Marks)**
- Q III.** Formal Letter (Word Limit- 120 words)/  
Factual description (Word Limit- 100 words) **(5 Marks)**

##### **SECTION C - GRAMMAR**

**[10 Marks]**

- \* Tenses
- \* Determiners
- \* Subject-Verb Concord
- \* Modals

**The above topics will be tested in the form of**

- QIV.** Gap-filling (Tenses, Determiners, Modals, Subject-Verb Concord) **(3x1=3 Marks)**
- Q V.** Editing or Omission (Tenses, Determiners, Modals, Subject-Verb Concord) **(4x1=4 Marks)**
- Q VI.** Sentence Rearrangement **(3x1=3 Marks)**

**All questions are compulsory**

##### **SECTION D – LITERATURE**

**[22 Marks]**

**Questions based on extracts/texts to assess interpretation, inference, and extrapolation**

beyond the text and across the texts.

QVII. Extracts based on Prose and Poetry

Prose- (4x1=4 Marks)

Poetry- (3x1=3 Marks)

QVIII. Short Answer Type Questions (30-40 words each) (5x2=10 Marks)

QIX. Long Answer Type Question (120 words) (5x1=5 Marks)

## HINDI [50 MARKS]

### SYLLABUS

#### 1. क्षितिज (भाग-2) -

- उत्साह, अट नहीं रही है
- राम लक्ष्मण परशुराम संवाद
- बालगोबिन भगत
- लखनवी अंदाज़

#### 2. व्याकरण -

- रचना के आधार पर वाक्य भेद
- वाच्य
- पद परिचय
- अलंकार
- पत्र लेखन
- विज्ञापन / संदेश लेखन

### BLUE-PRINT

#### खंड क (बहुविकल्पीय प्रश्न)

रचना के आधार पर वाक्य भेद- (4m)

वाच्य - (4m)

पद परिचय - (4m)

अलंकार - (3m)

पठित गद्यांश (लखनवी अंदाज़) - (5m)

पठित पद्यांश (राम लक्ष्मण परशुराम संवाद) - (5m)

#### खंड ख (वर्णनात्मक प्रश्न)

क्षितिज (भाग 2) के निर्धारित पाठों के आधार पर प्रश्न - (2m×8=16m)

पत्र लेखन (औपचारिक/अनौपचारिक) - (5m)

विज्ञापन / संदेश लेखन - (4m)

## MATHEMATICS (50 MARKS)

### SYLLABUS

1. Real Numbers
2. Polynomials
3. Linear Equations in Two Variables
4. Quadratic Equations

5. Arithmetic Progression
6. Triangles
7. Co-ordinate Geometry
8. Circles
9. Areas Related to Circle

**BLUE-PRINT**

1. **Section A** - 1 M X 10 Q = **10 M** (8 MCQ & 2 Assertion/Reason)
  2. **Section B** - 2 M X 5 Q = **10 M**
  3. **Section C** - 3 M X 4 Q = **12 M**
  4. **Section D** - 5 M X 2 Q = **10 M**
  5. **Section E** - 4 M X 2 CSB= **08 M**
- TOTAL = 50 M**

S.No.	Name of the Chapter	1 M	2 M	3 M	5 M	4 M (CSB)	Total Marks
1.	Real Numbers	1	-	1	-	-	<b>04 M</b>
2.	Polynomials	1	1	-	-	-	<b>03 M</b>
3.	Linear Equations in Two Variables	1	-	-	1	-	<b>06 M</b>
4.	Quadratic Equations	1	1	-	-	-	<b>03 M</b>
5.	Arithmetic Progression	1	-	1	-	1	<b>08 M</b>
6.	Triangles	2	1	1	-	-	<b>07 M</b>
7.	Co-ordinate Geometry	1	-	-	-	1	<b>05 M</b>
8.	Circles	1	1	-	1	-	<b>08 M</b>
9.	Areas Related to Circle	1	1	1	-	-	<b>06 M</b>
	<b>Total Questions</b>	<b>10 Q</b>	<b>5 Q</b>	<b>4 Q</b>	<b>2 Q</b>	<b>2 Q</b>	<b>23 Q (50 M)</b>

**SCIENCE [50 MARKS]**

Sr.no.	Chapter name	1m (MCQ)/assertion-reason	2m	3m	5m	Total
1.	<b>Physics:</b> Light- Reflection and refraction Human eye and the colourful world	3×1m	1×2m	2×3m	1×5m	16m
2.	<b>Chemistry:</b> Chemical reactions and equations Acids, bases and salts	4×1m	1×2m	2×3m	1×5m	17 m
3.	<b>Biology:</b> Life Processes Control and Coordination	4× 1m	1×2m	2×3m	1×5m	17m
	<b>Total</b>	11m	6m	18 m	15m	50m

**SOCIAL SCIENCE [50 MARKS]**  
**SYLLABUS**

**History** - \* The Rise of Nationalism in Europe .

\* The Age of Industrialisation.

**Geography** - \* Resources and Development.

\* Agriculture.

**Economics**- \* Money and Credit.

**Civics** – \* Federalism.

\* Gender, Religion and Caste.

### BLUEPRINT

Chapter	1Marks	2Marks	3 Marks	4 Marks	5 Marks	Map work 3 Marks
The Rise of Nationalism in Europe.	1		1			
The Age of Industrialisation.	1	1	1			
Resources and Development.	2		1			1
Agriculture	1	1			1	2
Money and Credit.	2	1			1	
Federalism.	1	1	1			
Gender, Religion and Caste.	2		1	1		
Total	10	8	15	4	10	3

### ARTIFICIAL INTELLIGENCE [25 MARKS]

#### SYLLABUS

Unit 2- AI Project Cycle

Unit 6- Natural Language Processing

Unit 7- Evaluation

#### BLUEPRINT

TOPIC	1M OBJECTIVE (MCQ, ONE WORD ETC.)	2M (SAQ)	4M (LKQ)	Total
Unit 2- AI Project Cycle Unit 6- Natural Language Processing Unit 7- Evaluation	11 x 1M = 11M	5 x 2M = 10 M	1 X 4M = 4M	<b>25 M</b>
<b>Total</b>	<b>11M</b>	<b>10 M</b>	<b>4M</b>	<b>25 M</b>