## SUBJECT- ENGLISH

## PERIODIC TEST - I

| MONTHS | UNITS | CHAPTERS | SUB-TOPICS |
|---|---|---|---|
| APRIL | **Literature**<br>Unit-1(P)<br><br>Theme-1 | • The Day the River Spoke<br>• Beautifully Different, wonderfully the same | • New Meanings<br>• Textual Exercises<br>• Homophones<br>• antonyms |
| | **Language**<br>Unit- 1,2 | • Verbs<br>• Adverbs | • main and helping verbs; modals; finite- infinite; transitive- intransitive<br>• kinds: manner, time, place, frequency, degree; comparison; formation |
| MAY | **Literature**<br>Unit- 1(P)<br>Theme- 2 | • Try Again<br>• The Solitary Reaper | • New Meanings<br>• Textual Exercises<br>• Rhyme scheme; metaphor |
| | **Language**<br>Unit- 1,7 | • Subject- verb agreement<br>• Notice Writing | • Rules+ exercises<br>• Format; sample |
| JUNE | **Language**<br>Unit- 4, 5 | • Prepositions<br>• Direct and Indirect speech<br><br>*Revision for PT-I* | • place; time; direction; cause, purpose, source<br>• Changes; reporting rules as per sentences |

## PERIODIC TEST-II

| MONTHS | UNITS | CHAPTERS | SUB-TOPICS |
|---|---|---|---|
| JULY | **Literature** Unit-2(P)<br><br>Theme- 3 | • Animals, Birds and Dr. Dolittle<br>• The Great Wall of Rishikesh | • New Meanings<br>• Textual Exercises<br>• Compound words |
| | **Language** Unit- 2,3, 7 | • Adjectives<br>• Tense- Present, Past, Future<br>• Formal Letter Writing | • Comparison<br>• Conversion into negative and interrogative; exercises<br>• Leave application |
| AUGUST | **Literature** Unit-2(P) | • Say the Right Thing | • New Meanings<br>• Textual Exercises<br>• Prefix; suffix |
| | **Language** | • Sentences- Simple, Compound, Complex<br>• Conjunctions<br>• Descriptive Paragraph Writing<br>• Comprehension | • conversion<br>• subordinating-coordinating conjunction |
| | | Revision for PT- II | |

## HALF-YEARLY EXAMINATION (80 marks)

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| SEPTEMBER | Revision for HALF-YEARLY EXAMINATION (including all the chapters from PT I and II) | Full Syllabus |

## ANNUAL EXAMINATION (80 MARKS)

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| FEBRUARY | • Comprehension<br><br>Revision of ANNUAL EXAMINATION (Total) + 10% from Half Yearly Syllabus | Full Syllabus |

## SUBJECT- HINDI (L2)

## PERIODIC TEST – I

| MONTHS | UNITS | CHAPTERS | SUB-TOPICS |
|---|---|---|---|
| APRIL | मल्हार | Ch- 1 | • माँ, कह एक कहानी (पाठ के अनुसार व्याकरण भाग I) |
| MAY | मल्हार | Ch-4 | • पानी रे पानी (पाठ के अनुसार व्याकरण भाग I) |
| JUNE | मल्हार | - | • Continue |

## PERIODIC TEST – II

| MONTHS | UNITS | CHAPTERS | SUB-TOPICS |
|---|---|---|---|
| JULY | मल्हार | Ch- 5 | • नहीं होना बीमार (पाठ के अनुसार व्याकरण भाग I) |
| AUGUST | मल्हार | Ch- 7 | • वर्षा बहार (पाठ के अनुसार व्याकरण भाग I) |

## HALF-YEARLY EXAMINATION

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| SEPTEMBER | PT I + PT II | Full Syllabus |

## PERIODIC TEST – III

| MONTHS | UNITS | CHAPTERS | SUB-TOPICS |
|---|---|---|---|
| OCTOBER | मल्हार | Ch-3 | • फूल और काँटा (पाठ के अनुसार व्याकरण भाग I) |
| NOVEMBER | मल्हार | Ch-10 | • मीरा के पद (पाठ के अनुसार व्याकरण भाग I) |
| DECEMBER | मल्हार | Ch- 2 | • तीन बुद्धिमान |
| JANUARY | मल्हार | - | • continue |

## ANNUAL EXAMINATION

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| FEBRUARY | PT III (TOTAL) + 10% OF PT I And PT II | Full Syllabus |

## SUBJECT- BENGALI (L2)

**BOOK** -আমার বাংলা, সহজ ব্যাকরণ।

## PERIODIC TEST 1

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| APRIL | আমার বাংলা | দেবতার ঠাঁই -সত্যেন্দ্র নাথ দত্ত | পাঠ অভ্যাস ও অনুশীলনী |
| MAY | সহজ ব্যাকরণ অধ্যায় -৪ | বাক্য ও তার শ্রেণী বিভাগ | অনুশীলনী |
| JUNE | সহজ ব্যাকরণ অধ্যায় -১৮ | রচনা, প্রবন্ধ ও আত্মকথা | অনুশীলনী |

## SUBJECT- BENGALI (L3)

### PERIODIC TEST – I

| MONTHS | UNITS | CHAPTERS | SUB-TOPICS |
|---|---|---|---|
| APRIL | আলোর ফুলকি (৭) | অ-কার যোগে বানান<br>আ-কার যোগে বানান | নিজে পড়ো<br>• ওই জল ছলছল<br>• সাদা ছাতা লাল জামা |
| MAY | আলোর ফুলকি (৭) | ই-কার যোগে বানান<br>ঈ-কার যোগে বানান | নিজে পড়ো<br>• ওই পাখি কিচিমিচি<br>• নীল জল ঝিলমিল |
| JUNE | আলোর ফুলকি (৭) | কাঠবেড়ালি | Revision for PT-I |

### PERIODIC TEST – II

| MONTHS | UNITS | CHAPTERS | SUB-TOPICS |
|---|---|---|---|
| JULY | আলোর ফুলকি (৭) | উ-কার যোগে বানান<br>ঊ-কার যোগে বানান<br>এ-কার যোগে বানান | • হুপহাপ কার ডাক<br>• রেলগাড়ি ঝমঝম |
| AUGUST | আলোর ফুলকি (৭) | গদ্য | • গাছের দুঃখ |

## ANNUAL EXAMINATION

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| FEBRUARY | PT III (TOTAL) + 10% OF PT I And PT II | Full Syllabus |

## SUBJECT- MATHEMATICS

## PERIODIC TEST- I (20 MARKS)

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| APRIL | Unit 1 | Chapter 1 : Large Numbers Around Us(NCERT Part 1+RS Agarwal Part 1) | • Understanding Large Numbers in Daily life<br>• Reading and Writing Large Numbers<br>• Place value and Face Value of Digits<br>• Comparing and Ordering Large Numbers<br>• Estimation and Rounding off<br>• Use of Commas in Large Numbers<br>• Large Numbers on Number Line<br>• Word Problems, Large Numbers in History and Science, Fun with large numbers |
| | Unit 1 | Chapter 2:Arithmetic Expression (NCERT Part 1+RS Agarwal 1) | • Introduction to Arithmetic Expression<br>• Components of Arithmetic Expression<br>• Simplification of Arithmetic Expression<br>• Use of Brackets in Expression<br>• Order of Operation |

# PERIODIC TEST - II

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| JULY | Unit 3 | Chapter 5: Parallel and Intersecting Lines(NCERT Part 1+ RS Agarwal Part 1) | • Introduction to Lines<br>• Intersecting Lines<br>• Parallel Lines<br>• Transversal and Angles formed<br>• Angles-Corresponding,<br>• Alternate interior, vertically opposite, linear pair<br>• Real Life Applications |
| | Unit 3 | Chapter 6:Number Play(NCERT Part 1+ RS Agarwal Part 1) | • Puzzles<br>• Parity<br>• Fibonacci Sequence<br>• Cryptarithms |
| AUGUST | Unit 4 | Chapter 7 : A Tale of Three Intersecting Lines (NCERT Part 1) | • Equilateral Triangles<br>• Constructing a Triangle when it's side are given, when some sides and angles are given,Angle Sum Property<br>• Types of Triangles |
| | Unit 4 | Chapter 8:Working With Fractions(NCERT Part 1+RS Agarwal Part 1) | • Introduction to Fraction<br>• Types of Fraction<br>• Comparing Fraction<br>• Operations on Fraction<br>• Fraction on Number Line<br>• Estimation with Fractions |
| | | Revision for Periodic Test II (Chapter 5,6, 7 & 8) | |

## HALF-YEARLY EXAMINATION (80 MARKS)

| MONTHS | UNITS | SUB-TOPICS |
|---|---|---|
| SEPTEMBER | PT1 + PT2 | FULL SYLLABUS |

## PERIODIC TEST- III (20 MARKS)

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| SEPTEMBER | Unit 5 | Chapter 1:Geometric Twins(Congruence) (NCERT Part 2+RS Agarwal Part 2) | • Congruence of Triangles<br>• Angles of Isosceles and Equilateral Triangle<br>• Geometric Twins |
| OCTOBER | Unit 5 | Chapter 2 :Operations with Integers (NCERT Part 2+RS Agarwal Part 2)<br><br>Chapter 3:Finding Common Grounds (NCERT Part 2) HCF and LCM (RS Agarwal Part 2) | • Concept of Integers<br>• Operations on Integers<br>• Real Life Application<br><br>• Concept of HCF, LCM<br>• Prime factorization method<br>• Problem solving<br>• Identifying shared properties |
| NOVEMBER | Unit 6 | Chapter 5:Connecting the Dots (NCERT Part 2+RS Agarwal Part 2)<br><br>Chapter 6: Constructions and Tilings (NCERT Part 2+RS Agarwal Part 2) | • Questions and Statement<br>• Outliners and Medians<br><br>• Geometric drawing using ruler and compasses<br>• Tilling and Tessellations |

| | | | |
|---|---|---|---|
| DECEMBER | Unit 6 | Chapter 7: Finding the Unknowns (NCERT Part 2+RS Agarwal Part 2) | • Concept of variables<br>• Formulating Equation<br>• Solving Simple Linear Equation<br>• Real Life Application |
| JANUARY | Revision for Periodic Test III ( Part II Chapter 1,2,3,5,6 & 7 ) | | |

## ANNUAL EXAMINATION (80 MARKS)

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| FEBRUARY | PT III+ [10 % of the questions will be from Half - Yearly Syllabus.] | | |

**SUBJECT- SCIENCE**

**[NCERT & THE WORLD OF SCIENCE]**

**PERIODIC TEST- I (20 MARKS)**

| MONTHS | SUBJECTS | UNITS | SUB-TOPICS |
|---|---|---|---|
| APRIL | Physics | Chapter 3:Electricity:Circuits and their Components(NCERT)<br><br>Electric Currents and its Effect (The World Of Science) | • Introduction<br>• Simple Electrical Circuit and Components<br>• Circuit Diagram<br>• Electrical Conductors and Insulators |
| | Chemistry | Chapter4: Acids, Bases and Salts (The World of Science) | • Acids and Bases<br>• Natural and artificial indicators |

| | | | |
|---|---|---|---|
| MAY | Biology | Chapter 9: Life Processes in Animals (NCERT)<br><br>Chapter 2: Nutrition in Animals (The World of Science) | **1.** Nutrition in Animals<br>2. Digestion in Humans<br>3. Digestive System in Other Animals<br>4. Respiration in Animals<br>5. Circulation in Animals<br>6. Excretion in Animals<br>7. Transportation in Animals |
| | Physics | Chapter3:Electricity:Circuits and their Components(NCERT) /<br><br>Electric Currents and its Effect (The World Of Science) | • Effects of Electric Current<br>• Working of Electric Bells<br>. |
| | Chemistry | Chapter 4: Acids, Bases and Salts(The World of Science) | • Neutralisation Reactions<br>• Application of Neutralisation reactions |
| | Biology | Chapter 6: Respiration in organisms (The World of Science)<br><br>Chapter 7: Transportation in Animals (The World of Science) | • Breathing vs respiration<br>• Human respiratory system<br>• Exchange of gases<br>• Blood and its components (RBC, WBC, platelets)<br>• Heart structure and function<br>• Blood vessels |
| JUNE | Revision for Periodic Test I | | |

## PERIODIC TEST -II

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| JULY | **আমার বাংলা** | টেলিফোন | পাঠ অভ্যাস ও অনুশীলনী |
| AUGUST | সহজ ব্যাকরণ অধ্যায় -৬ | সমোচ্চারিত ভিন্নার্থক শব্দ | পাঠ অভ্যাস ও অনুশীলনী |

## HALF-YEARLY EXAMINATION

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| SEPTEMBER | সহজ ব্যাকরণ অধ্যায় -৭ এবং PA I + PA II | সমার্থক শব্দ SYLLABUS |

## PERIODIC TEST -III

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| OCTOBER | সহজ ব্যাকরণ অধ্যায় – ১১ | এককথায় প্রকাশ | পাঠ অভ্যাস ও অনুশীলনী |
| NOVEMBER | আমার বাংলা | এক যে ছিল -সুকান্ত ভট্টাচার্য | পাঠ অভ্যাস ও অনুশীলনী |
| DECEMBER | সহজ ব্যাকরণ অধ্যায় – ১৬ সংলাপ রচনা | সংলাপ রচনা | পাঠ অভ্যাস ও অনুশীলনী |

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|---|---|---|---|
| JANUARY | আমার বাংলা | যতীনের জুতো -সুকুমার রায় | পাঠ অভ্যাস ও অনুশীলনী |

## ANNUAL EXAMINATION

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| FEBRUARY | সহজ ব্যাকরণ, অধ্যায় -১৪<br>PA III (TOTAL) + 10% OF PA I And PA II | বিশেষণের তারতম্য এবং<br>FULL SYLLABUS |

## SUBJECT- HINDI (L3)

## PERIODIC TEST – I

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| APRIL | खेल –कुद<br>बिना मात्रा<br>वाले शब्द<br>आ ,इ | Ch- 4,5 | आ की मात्रा<br>इ की मात्रा<br>कविता |
| MAY | ई , उ अप्पू<br>का इलाज | Ch-5 ( मात्रा) | ई की मात्रा<br>उ की मात्रा<br>कविता |

| | | | |
|---|---|---|---|
| | बालगीत ( | | |
| JUNE | ऊ की मात्रा | मात्राओं का अभ्यास | •ऊ की मात्रा |

**PERIODIC TEST – II**

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| JULY | ऋ , ए<br>प्रेरक कहानी | मात्राओं का अभ्यास<br>Ch-13 | ऋ की मात्रा<br>ए की मात्रा<br>(सुन्दर पतंग ) |
| AUGUST | ऐ , ओ<br>कविता | मात्राओं का अभ्यास<br>Ch-14 | ऐ की मात्रा<br>ओ की मात्रा<br>( घड़ी की टिक –टिक) |

**HALF-YEARLY EXAMINATION**

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| SEPTEMBER | PA I + PA II | FULL SYLLABUS |

## PERIODIC TEST – III

| MONTHS | UNITS | CHAPTER | SUB-TOPICS |
|---|---|---|---|
| OCTOBER | औ - मात्रा | औ - मात्रा | •औ की मात्रा |
| NOVEMBER | चंद्रबिंदु<br>,अनुस्वार –<br>मात्रा<br>(पर्यटन) | मात्रा ch- 6,7 15 | • अनुस्वार की मात्रा<br>चंद्रबिंदु की मात्रा<br>हवाई यात्रा |
| DECEMBER | बारहखड़ी<br>(हास्य कथा) | Ch- 8 ,16 | •बारहखड़ी<br>हिचकी रुक गई! |
| JANUARY | संयुक्त व्यंजन | Ch- 9 | • संयुक्ताक्षर |

## ANNUAL EXAMINATION

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| FEBRUARY | PA III (TOTAL) + 10% OF PA I And PA II | FULL SYLLABUS |

## HALF-YEARLY EXAMINATION

| MONTHS | CHAPTER | SUB-TOPICS |
|---|---|---|
| SEPTEMBER | PT I + PT II | Full Syllabus |

## PERIODIC TEST – III

| MONTHS | UNITS | CHAPTERS | SUB-TOPICS |
|---|---|---|---|
| OCTOBER | আলোর ফুলকি (৭) | ঐ-কার যোগে বানান | নিজে পড়ো<br>• ঝিকির মিকির শৈলচূড়া |
| NOVEMBER | আলোর ফুলকি (৭) | ও-কার যোগে বানান<br>ঔ-কার যোগে বানান | নিজে পড়ো<br>•ওল খেয়ে গোল করে<br>• মৌরিগাছে ফুল ফুটেছে |
| DECEMBER | আলোর ফুলকি (৭) | ং-কার যোগে বানান<br>ঃ-কার যোগে বানান<br>ঁ-কার যোগে বানান | • নিজেপড়ো<br>হিংসা ভুলে সিংহমামা<br>দুঃখ ভুলে এগিয়ে চলো<br>বাঁশের বনে হাঁসের ডিম |
| JANUARY | আলোর ফুলকি (৭) | গদ্য | আমার দেশ<br>PT-III Revision |

| | | | |
|---|---|---|---|
| | | | • Word problems, Fun with Arithmetic Expression |
| MAY | Unit 2 | Chapter 3: A Peek Beyond the Point(NCERT Part 1+RS Agarwal Part 1) | • Place values in Decimals<br>• Fractions and Decimals<br>• Units of Measurement<br>• Weight Conversion<br>• Addition and Subtraction of Decimals<br>• More on Decimal System |
| JUNE | Unit 2 | Chapter 4: Expression using Letter-Numbers(NCERT Part 1+ RS Agarwal Part 1) | • The Notation of Letter Numbers<br>• Revising Arithmetic Expressions<br>• Omission of the Multiplication Symbol in Algebraic Expressions<br>• Simplification of Algebraic Expression<br>• Pick Patterns and Reveal Relationship<br>• Patterns in a Calendar |
| Revision for Periodic Test I (Chapter 1,2,3 & 4) | | | |

**PERIODIC TEST- II (20 MARKS)**

| MONTHS | SUBJECTS | UNITS | SUB-TOPICS |
|---|---|---|---|
| JULY | Physics | Chapter 7:Heat Transfer in Nature(NCERT)<br><br>Heat(The World of Science) | • Introduction<br>• Modes of Heat Transfer, Application<br>• Land Breeze and Sea Breeze<br>• Water Cycle<br>• Temperature and Its Measurements<br>• Applications |
| | Chemistry | Chapter 5: Physical and Chemical Changes(NCERT+The World of Science)<br><br>Chapter 1: The Ever Evolving World of science(NCERT) | • Chemical and Physical changes<br>• Various day-to-day changes<br>• Rusting of iron/Chemical Process<br>• Crystallisation and its importance<br>• Concept of evolving of world of science |
| | Biology | Chapter 10: Life Processes in Plants (NCERT)<br><br>Chapter 1 : Nutrition in Plants ( The World of Science) | 1. Nutrition in Plants<br><br>Autotrophic nutrition<br><br>Photosynthesis (raw materials: $CO_2$, water, sunlight, chlorophyll)<br><br>2. Types of Nutrition<br><br>3. Transport in Plants<br><br>4. Transpiration<br><br>5. Respiration in Plants<br><br>6. Reproduction in Plants |

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|---|---|---|---|
| | | | 7. Seed Germination |
| August | Revision for Periodic Test II | | |

## HALF-YEARLY EXAM INATION (80 MARKS)

| MONTHS | SUBJECTS | UNITS | SUB-TOPICS |
|---|---|---|---|
| SEPTEMBER | Revision for Half -Yearly Exam | | |

## HALF-YEARLY PRACTICAL SYLLABUS

| SUBJECTS | TOPICS |
|---|---|
| Physics | • To show that solids transfer heat by conduction<br>• To show the heating effect of an electric current in an electric light bulb |
| Chemistry | • To test the acidic or basic nature of the given solutions by using turmeric paper as an indicator |

| | |
|---|---|
| | • To show burning of magnesium ribbon is a chemical change |
| Biology | • Starch Test in a leaf<br>• Release of oxygen during photosynthesis. |

**PERIODIC TEST- III (20 MARKS)**

| MONTHS | SUBJECTS | UNITS | SUB-TOPICS |
|---|---|---|---|
| SEPTEMBER | Physics | Chapter 8:Measurement of Time and motion(NCERT)<br><br>Motion and Time(The World of Science) | • Introduction<br>• Measurement of Time<br>• Simple Pendulam<br>• Speed,Distance and Time<br>• Uniform and Non Uniform Motion |
| | Chemistry | Chapter 4: The World of Metals and Non-metals(NCERT) | • Properties of Materials<br>• Effect of Air and Water on Metals |
| | Biology | Chapter 6: Adolescence: A Stage of Growth and Change (NCERT) | • Introduction<br>• Adolescence and Puberty<br>• Secondary Sexual characters Development<br>• Role of Hormones<br>• Reproductive Organs |
| OCTOBER | Physics | Chapter 8:Measurement of Time and Motion(NCERT)<br><br>Motion and Time(The World of Science) | • Types of Motion<br>• Distance and Time Graph<br>• Average Speed |

| | | | |
|---|---|---|---|
| | | | |
| | Chemistry | Chapter 4: The World of Metals and Non Metals(NCERT) | • Substances that behave differently from metals in air and water<br>• Are non-metals essential in everyday life |
| | Biology | Chapter 6: Adolescence: A Stage Of Growth and Change | Continuation |
| NOVEMBER | Physics | Chapter 11:Light :Shadows and Reflection(NCERT)<br>Light(The World of Science) | • Introduction<br>• Sources Of Light<br>• ChaLight through Transparent,Translucent and Opaque Materials<br>• Shadow Formation<br>• Reflection of Light |
| | Chemistry | Chapter 13: Wastewater Story(The World of Science) | • Importance of water<br>• Sources of water<br>• Sewage<br>• Wastewater treatment plant<br>• Sanitation and disease<br>• Knowledge of sanitation at public places |