

MT. COLUMBUS SCHOOL
Dakshinpuri, New Delhi – 62
Periodic Test- II Syllabus (2018 -2019)

Class - IX
SUBJECT-ENGLISH

NAME OF THE BOOK: Beehive
 Moments

CHAPTERS	CONTENT	ACTIVITY
<p><u>LITERATURE - (BEEHIVE) (PROSE)</u> 3. The Little Girl 4. A Truly Beautiful Mind 5. The Snake and the Mirror 6. My Childhood</p> <p><u>(POETRY)</u> 2. Wind 3. Rain on the Roof 4. Lake isle of Innisfree 5. A Legend of the Northland</p> <p><u>(MOMENTS)</u> 3. Iswaran the storyteller 4. In the kingdom of fools</p> <p><u>WRITING & GRAMMAR</u> 1. Article Writing 2. Story Writing 3. Gap Filling 4. Editing/Omission</p>	<p>*Reading and appreciating the text *Understanding the plot, the style of writing and the genre *Word meanings-expanding the vocabulary with new words, usage of new words *Understanding the characterization and other elements of a story *Reference to the Context *Questions And Answers</p> <p>*Essential components of these writing tasks *Their applications in current day</p>	<p>1. <u>Assessment of Speaking Skills</u> Speech</p> <p>2. <u>Assessment of Listening Skills</u> Conversation between two students</p>

BLUEPRINT

TIME: 2 Hrs.

MAX. MARKS: 50

	1 Mark	2 Marks	5 Marks	Total	Percentage(%) Weightage
SECTION : A (10 marks)					20
Unseen Passage	10	-	-	10	
SECTION : B (20 marks)					40
Article	-	-	1	5	
Story Writing	-	-	1	5	
Editing/Omission	5	-	-	5	
Gap Filling	5	-	-	5	
SECTION : C (20 marks)					40
Question Answers	-	5	-	10	
Reference to the Context	-	-	1	5	
Value Based Question	-	-	1	5	
Total	20X1=20	5X2=10	4X5=20	50	100

पाठ का नाम	क्रियाकलाप	दत्तकार्य
स्पर्श पाठ-2 दुख का अधिकार पाठ-3 एवरेस्ट : मेरी शिखर यात्रा पाठ-4 तुम कब जाओगे अतिथि पाठ-6 कीचड़ का काव्य पाठ-9 पद पाठ-10 दोहे पाठ-11 आदमीनामा पाठ-12 एक फूल की चाह संचयन पाठ-1 गिल्लू पाठ-2 स्मृति व्याकरण वर्ण-विच्छेद, अनुस्वार, अनुनासिक नुक्ता, शब्द निर्माण-उपसर्ग, प्रत्यय, समास लेखन- विज्ञापन लेखन और संवाद लेखन	कहानी श्रवण पर आधारित प्रश्नोत्तर कहानी-पठन/लेखन (चिंतन तथा सृजनात्मक कार्य) परिचर्चा कौशल-पठन	साहित्य भाग से अभ्यासोत्तर प्रश्नोत्तर और व्याकरण भाग से अभ्यास प्रश्नोत्तर

प्रश्न पत्र का स्वरूप

समय-2 घंटे

पूर्णांक-50

क्रम संख्या	पाठ्यक्रमानुसार इकाइयाँ	इकाई पर आवंटित अंक	अंकवार प्रश्नों की संख्या			कुल प्रश्न
			2 अंक	4 अंक	5 अंक	
1	अपठित अवबोध गद्यांश और पद्यांश	10			2	2
2	व्याकरण	12	6			6
3	पाठ्यपुस्तक (स्पर्श) (संचयन)	14 4	7	1 1		2
4	लेखन विज्ञापन लेखन और संवाद लेखन	10			2	2
		50	26	4	20	12

Subject: - Mathematics**NAME OF THE BOOK: Mathematics
(NCERT)**

Chapter	Content	Lab Activity
Chapter 1 : Number system Chapter 2 : Polynomials	As per PT-1 syllabus	As per PT-1 syllabus
Chapter : 3 Coordinate Geometry	1. Introduction 2. Cartesian system 3. Plotting a point in the plane if its coordinates are given,	Worksheet (MCQ)
Chapter : 6 Lines and angles	1. Introduction 2. Basic terms and definitions 1. Intersecting lines and non intersecting lines. 2. Pairs of angles. 3. Parallel lines and a transversal 4. Angles sum property of a triangle.	To verify that the sum of all the three angles of a triangle is 180.
Chapter : 11 Construction	1. Introduction 2. Basic constructions 3. Construction of triangles	Construction of triangle if perimeter is given
Chapter : 12 Heron's Formula	1. Introduction 2. Area of a triangle by Heron's Formula 3. Application of Heron's Formula in finding area of quadrilaterals.	To find a formula for the area of a rectangle.
Chapter : 14 Statistics	1. Introduction 2. Collection of data 3. Representation of data 4. Measures of Central tendency	Worksheet
Chapter : 15 Probability	1. Introduction 2. Probability – an experimental approach	Find the frequency of two wheelers, three wheelers and four wheelers going past during a time interval in front of your home. Find the probability that any one vehicle out of the total vehicles you have observed is a two wheeler.

BLUE PRINT

TIME : 2 Hrs

MAX MARKS : 50

SNO	Name of the Chapters	Very Short 1 Marks	Short 2 Marks	Long 3 Marks	V.Long 4 Marks	Total Marks	Percentage (%) Weightage
1.	Ch-1 Number System	1	1	1	-	6	12
2.	Ch-2 Polynomial	-	1	1	1	9	18
3	Ch-3 Coordinate Geometry	1	-	1	-	4	8
4.	Ch-6 Lines and Angle	1	1	2	-	9	18
5.	Ch-11 Construction	-	-	1	1	7	14
6.	Ch-12 Heron's Formula	-	1	1	-	5	10
7.	Ch-14 Statistics	-	1	1	-	5	10
8.	Ch-15 Probability	1	-	-	1	5	10
	Total	1X4=4	2X5=10	3X8=24	4X3=12	50	100

SUBJECT – SCIENCE

NAME OF THE BOOK: Science
(NCERT)

	CONTENT	ACTIVITY	EXPERIMENT
PHYSICS Ch-9 Force & Laws of Motion	Force & motion, Inertia and mass, Newton's 1 st Law of Motion, 2 nd Law of Motion, 3 rd law of Motion, Mathematical formulation of 2 nd law of motion, conservation of momentum.	To observe and conclude the result of coin which is placed over the card above the empty glass tumbler.	–
Ch-10 Gravitation	Gravitation, Universal Law of Gravitation, Acceleration due to gravity, Mass & Weight, Free fall, Thrust, Pressure, Archimedes' Principle, Relative Density.	To understand the rate of fall of different objects whether they are hollow or solid, big or small.	Determination of density of solid by using spring balance. Establishing the relation between the loss of weight of solid when fully immersed in tap water and salty water.
CHEMISTRY Ch-2 Is matter around us pure?	Elements, Compounds and Mixture, heterogeneous and homogeneous mixtures; Colloids and suspension, Physical and Chemical change; methods of separating miscible and immiscible liquids; sublimation; chromatography.	To show filtration sedimentation, decantation and crystallization technique.	Separation of component of mixture of sand, common salt and Ammonium chloride. Classify the reactions as physical and chemical changes.
Ch-3 Atoms & Molecules	Atoms and Molecules, Law of conservation of Mass; Law of constant proportion; Atomic mass; Molecular Mass; Chemical formulae; Mole concept; Relationship of mole to mass of the particle and number	Worksheet in tabular form- Find the ratio by the number of atoms of elements in the molecule of the compounds.	Verify the Law of conservation of mass in a chemical reaction.
Ch- 1 Matter in our surrounding	Matter; Physical Nature of matter; Characteristics of matter; Evaporation; Factors affecting evaporation	Collect some items from daily life and compare the strength of force of attraction.	Determination of melting point of ice and boiling point of water.

BIOLOGY			
Ch-6 Tissue	Plant Tissue- Meristematic tissues and Permanent Tissues; Animal Tissues – Epithelial Tissue, Connective Tissue, Muscular Tissue, Nervous Tissue	To observe the growth of roots in onion bulbs.	Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants.
Ch-13 Why do we fall ill?	Health and its Failure; Diseases and its causes; Infectious and Non- Infectious diseases; Principle of treatment; Principle of prevention.	Make a list of immunization programmes available at the nearest health centre in your locality.	_____
Ch-15 Improvement in food sources	Plant and Animal Breeding; Selection for quality improvement and management; Use of fertilizers and manure; Protection from pests and diseases; Organic farming	Make a herbarium of cereals, pulses and oil seeds. Identify the seasons of their sowing and harvesting.	_____

BLUEPRINT**TIME: 2 Hrs.****MAX. MARKS: 50**

S.No	Chapters	V.V Short Answer (1 Mark)	Very Short Answer (2 Marks)	Short Answer (3 Marks)	Long Answer (5 Marks)	Practical Based Question (2Marks)	Total Marks	Percent age (%) Weight age
1.	Ch-9 Force & Laws Of Motion	–	–	1	1	–	8	16
2.	Ch-10 Gravitation	1	1	1	–	1	8	16
3.	Ch- Is matter Around us Pure	–	1	1	–	1	7	14
4.	Ch- Atoms & Molecules	–	1	–	1	–	7	14
5.	Ch-Matter In our Surrounding	1	–	–	–	1	3	6
6.	Tissues	1	–	–	1	1	8	16
7.	Why do we fall ill?	1	–	1	–	–	4	8
8.	Improvement in food Resources	–	1	1	–	–	5	10
Total		1X4=4	2X4=8	3X5=15	5X3=15	2X4=8	50	100

SUBJECT- SOCIAL SCIENCE

Name of the Book: India and the Contemporary World-I / Contemporary India-I / Democratic Politics-I / Economics

	CONTENTS	ACTIVITIES
HISTORY		
Ch-1. The French Revolution	As per the PT-I Syllabus	-
Ch-2. Socialism in Europe and Russian Revolution	The crises of Tzarism The nature of social movements between 1905 and 1917 The first World War and foundation of Soviet states The legacy	Map Work
GEOGRAPHY		
Ch-1 India-Size and Location Ch-2 Physical Features of India	As per the PT-I Syllabus	-
Ch-3. Drainage	Major rivers and tributaries, lakes and seas, role of rivers in the economy, pollution of rivers, measures to control river pollution	Poster on- River pollution and Depletion of forests and ecological imbalance Map work

ECONOMICS		
Ch-1 The Story of Village Palampur	As per the PT-I Syllabus	-
Ch-2. People as a Resources	Introduction of how people become resource/asset, economic activities done by men and women, unpaid work done by women, quality of human resource, role of health and education, unemployment as a form of non-utilisation of human resource, Socio-political implication in simple form.	a. Discussion on the impact of unemployment b. Debate on whether all the activities done by women should be included or not. c. Is it necessary to reduce population growth or family size? (Discussion)
POLITICAL SCIENCE		
Ch-2 What is Democracy? Why Democracy?	As per the PT-I Syllabus	-
Ch-3. Constitutional Design	How and why did India become a democracy? How was the Indian constitution framed? What are the salient features of the Constitution? How is democracy being constantly designed and redesigned in India?	-

BLUEPRINT

TIME: 2 Hrs.

MAX. MARKS: 50

S. No.	Name of the Chapters	Very Short Answer (1 Mark)	Short Answer (3 Marks)	Long Answer (5 Marks)	Total Marks	Percentage (%) Weightage
1	Ch-1. The French Revolution	2	1	-	5	10
2	Ch-2. Socialism in Europe and Russian Revolution	1	-	1	6	12
3	Ch-1. India-Size and Location	2	-	-	2	04
4	Ch-2. Physical Features of India	-	1	-	3	06
5	Ch-3. Drainage	-	-	1	5	10
6	Ch-1. The Story of Village Palampur	1	1	-	4	08
7	Ch-2. People as a Resources	-	1	1	8	16
8	Ch-2. What is Democracy? Why Democracy?	1	1	-	4	08
9	Ch-3. Constitutional Design	-	1	1	8	16
10	Map Work(History)	2	-	-	2	04
11	Map work(Geography)	-	1	-	3	06
	Total	9X 1 = 9	7 X 3 = 21	4 X 5 = 20	50	100

***Weightage given to all parts:**

History- 13 Marks / Geography- 13 Marks / Political Science- 12 Marks / Economics- 12 Marks

SUBJECT- INFORMATION TECHNOLOGY

Name of Book: - A textbook information technology

Chapter	Content	Lab Activity
Unit-2 Fundamentals of Computer	As per PT.1 syllabus	
Unit-3 Mastering Typing	<ol style="list-style-type: none"> Getting started with Touch Typing User Experience Begin Lessons Viewing Statistics Working with Lesson Editor 	<ol style="list-style-type: none"> Basic of Touch Typing Working with Lesson Editor
Unit-4 Word Processing	<ol style="list-style-type: none"> Getting Started with a Word Processor Edit and Save a Document Identify Elements of User Interface Format a Document – Bold, Italics and Underline Check Spelling Checking Grammar and Using Thesaurus Copy - Paste and Cut – Paste Find and Replace Text Create List of Items Using Bullets and Numbering Format Font Style Aligning the Text Views of a Document Print a Document Create a Table Format a Table Convert Text to Table and Table to Text Add Borders to Pages, Paragraphs and Text Add Shadings to Pages, Paragraphs and Text Preview a Document, Adjust its Margins and Orientation Align Text Using Tabs 	<ol style="list-style-type: none"> Basic of Word Processor Format a Document Spell Check Use of Thesaurus Copy-Paste & Cut-Paste Find & Replace Text Use of Bullets & Numbering Text Alignment Create & Format a Table Convert text to table & table to text Add Borders to Pages, Paragraphs and Text Add Shadings to Pages, Paragraphs and Text Preview a Document, Adjust its Margins and Orientation Align Text Using Tabs

BLUEPRINT

TIME:- 2 Hrs.

MAX. MARKS: 50

Chapter Name	MCQ/VSA (1 Marks)	Short Answer-I (2 Marks)	Short Answers-II (3 Marks)	Long Answers (5 Marks)	Total marks	Percentage(%) Weightage
Unit-2 Fundamentals of Computer	2	1	1		07	14
Unit-3 Mastering Typing	4	2	2	1	19	38
Unit-4 Word Processing	4	3	3	1	24	48
Total	10x1=10	6x2=12	6x3=18	2x5=10	50	100

SUBJECT – ART EDUCATION

CONTENT

- **STILL LIFE**
 - **COLOUR TONE**
 - **NATURE STUDY**
 - **LANDSCAPE**
 - **HUMAN BODY FUNDAMENTALS**
 - **SKETCHING**
 - **PORTRAIT STUDY**
 - **CRAFT**
1. **RECYCLED CRAFT**