

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

Class - IX
SUBJECT-ENGLISH

NAME OF THE BOOK: Beehive
 Moments

CHAPTERS	CONTENT	ACTIVITY
<u>LITERATURE - (BEEHIVE)</u> (PROSE) 6. My childhood (As per PT-II) 7. Packing 8. Reach for the top	*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	
(POETRY) 5. A legend of the Northland (As per PT-II) 6.No men are foreign 7. The Dutch and the kangaroo 8. On killing a tree	*Understanding the characterization and other elements of a story. *Reference to the Context *Questions And Answers	
<u>(MOMENTS)</u> 5. The happy prince 6. Weathering the storm in Ersama 7. The last leaf		-
<u>WRITING & GRAMMAR</u> 1. Description (person/place/event) 2. Sentence reordering 3. Editing 4. Omission	*Essential components of these writing tasks. *Their applications in day to day life.	

BLUEPRINT

TIME: 2 Hrs.

MAX. MARKS: 50

	1 Mark	2 Marks	8 Marks	Total	Percentage(%) Weightage
SECTION A : (10 MARKS)					20
Unseen Passage	4	3	-	10	
SECTION B:(20 MARKS)					40
Description Writing	-	-	1	8	
Sentence reordering	5	-	-	5	
Editing	4	-	-	4	
Omission	3	-	-	3	
SECTION C : (20 MARKS)					40
Question Answer	-	4	-	8	
Reference to the context	4	-	-	4	
Long Answer Question	-	-	1	8	
Total	20X1=20	7X2=14	2X8=16	50	100

विषय-हिन्दी

पाठ्यपुस्तक-स्पर्श और संचयन

पाठ का नाम	क्रियाकलाप	दत्तकार्य
<u>स्पर्श</u> पाठ-7 धर्म की आड़ पाठ-14 अग्निपथ पाठ-15 नए इलाके में, खुशबू रचते हैं हाथ <u>संचयन</u> पाठ-5 हामिद खाँ <u>व्याकरण</u> सन्धि, विराम चिह्न, उपसर्ग और प्रत्यय <u>लेखन</u> चित्र वर्णन, संवाद लेखन, अनुच्छेद लेखन, पत्र लेखन और विज्ञापन लेखन	पत्र लेखन कौशल-लेखन जीवनी पर आधारित प्रश्नोंत्तर कौशल-श्रवण	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
			1 अंक	2 अंक	4 अंक	5 अंक	
1	अपठित अवबोध	10	10				2
2	<u>व्याकरण</u> सन्धि विरामचिह्न उपसर्ग प्रत्यय	6 2 2 2		6			6
3	पाठ्यपुस्तक- स्पर्श संचयन	14 4		7	1		2
4	<u>लेखन</u> चित्र वर्णन, संवाद लेखन, अनुच्छेद लेखन, पत्र लेखन और विज्ञापन लेखन	10				2	2
		50	10	26	4	10	12

Subject: - Mathematics

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

Chapter	Contents	Lab Activity
Chapter 1,2,3,6,11,12,14,15	As per PT-I syllabus As per PT-II syllabus	
Chapter-4 Linear Equation in Two Variables	<ol style="list-style-type: none">1. Introduction2. Linear Equations3. Solution of a Linear Equation4. Graph of a Linear Equation in Two Variables5. Equations of Lines Parallel to x-axis and y-axis	To obtain a linear equation and draw a graph which represents the linear equation
Chapter-8 Quadrilaterals.	<ol style="list-style-type: none">1. Introduction2. Angle Sum Properties of a Quadrilateral3. Types of Quadrilaterals4. Properties of a Parallelogram5. The Mid- Point Theorem	To show that the parallelogram of the same base and between the same parallel line is equal in area by paper cutting and pasting.
Chapter-9 Areas of Parallelograms and Triangles.	<ol style="list-style-type: none">1. Introduction2. Figures on the same base and between the same parallels3. Parallelograms on the same base and between the same parallels4. Triangles on the same base and between the same parallels	To show that the area of a parallelogram is equal to the product of its base and corresponding height by using paper cutting and pasting.
Chapter-13 Surface Area and Volumes	<ol style="list-style-type: none">1. Introduction2. Surface area of cuboid and cube3. Surface area of right circular cylinder4. Surface area of right circular cone.5. Surface area of sphere6. Volume of a cuboid7. Volume of cylinder8. Volume of right circular cone.9. Volume of sphere	Worksheet

BLUE PRINT**TIME : 2 Hrs****MAX MARKS : 50**

SNO	Name of the Chapters	Very Short 1 Marks	Short 2 Marks	Long 3 Marks	Very Long 4 Marks	Total Marks	Percentage (%) Weightage
1.	Ch-1 Number System	1	-	1	-	4	8%
2.	Ch-2 Polynomial	-	-	-	1	4	8%
3	Ch-3 Coordinate Geometry	-	1	-	-	2	4%
4.	Ch-4 Linear Equations in Two Variables	-	1	-	-	2	4%
5.	Ch-6 Lines and Angle	1	1	1	-	6	12%
6.	Ch-8 Quadrilaterals	-	-	1	-	3	6%
7.	Ch- 9 Areas of Parallelograms and Triangles	-	-	1	-	3	6%
8.	Ch-11 Construction	-	-	1	-	3	6%
9.	Ch-12 Heron's Formula	1	-	1	-	4	8%
10.	Ch-13 Surface Areas and Volumes	1	1	1	1	10	20%
11.	Ch-14 Statistics	-	1	-	1	6	12%
12.	Ch-15 Probability	-	-	1	-	3	6%
		4	5	8	3		
	Total	1x4=4	2x5=10	3x8=24	4x3=12	50	100%

SUBJECT – SCIENCE

NAME OF THE BOOK: Science

	CONTENT	ACTIVITY	EXPERIMENT
PHYSICS			
Ch- 11 Work & Energy	Work and its Unit, Work Done against gravity, Positive, Negative and Zero work, Energy and its unit, Different forms of Energy, Power and its unit, Commercial unit of Energy, Transformation of Energy, Law of conservation of Energy.	To demonstrate compressions and rarefactions with the help of slinky.	Verification of the laws of reflection of sound. Determination of speed of a pulse propagated through a stretched slinky.
Ch-10 Gravitation	As per PT 2 syllabus	_____	_____
CHEMISTRY			
CH-3 Atoms and Molecules	As per PT 2 syllabus	_____	_____
Ch-4 Structure of Atom	Charged particles in matter; Thomson’s model of an atom; Rutherford’s model of an Atom; Bohr’s Model of an Atom; Electron’s Distribution in different orbits; Valency; Atomic Number; Mass Number; Isotopes; Isobar; Applications of Isotopes	Memory Game on the structure and electronic configuration of the atom.	Verify the Law of conservation of mass in a chemical reaction.
BIOLOGY			
CH-7 Diversity in Living Organisms	Diversity of plants and animals; Basis of classification; Hierarchy of categories; Major groups of plants; Major groups of animals- Non chordates, Chordates; Binomial nomenclature	To study the external features of root, stem, leaf and flower of monocot and dicot plants.	_____
Ch-13 Why do we fall ill?	As per PT 2 syllabus	_____	_____

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 Ques (2 Marks)	Total Marks	Percentage (%) Weightage
1.	Ch- 11 Work & Energy	1	1	1	1	–	11	22
2.	Ch-10 Gravitation	1	–	1	–	1	6	12
3.	CH-3 Atoms and Molecules	1	1	1	–	1	8	16
4.	Ch-4 Structure of Atom	–	1	1	1	–	10	20
5.	CH-7 Diversity in Living Organisms	1	1	–	1	1	10	20
6.	Ch-13 Why do we fall ill?	1	1	–	–	1	5	10
Total		1X5=5	2X5=10	3X4=12	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-2. Socialism in Europe and Russian Revolution Ch-3. Nazism and the Rise of Hitler	As per the PT-II Syllabus The growth of social democracy The crises in Germany The basis of Hitler's rise to power The ideology and impact of Nazism.	- Map Work
GEOGRAPHY		
Ch-3. Drainage Ch-4. Climate Ch-5. Natural vegetation and Wildlife	As per the PT-II Syllabus Factors influencing the climate Monsoon- its characteristics, rainfall and temperature distribution, seasons, climate and human life Vegetation types, distribution as well as altitudinal variation, need for conservation and various measures. Major species, their distribution, need for conservation and various measures.	- Project/Activity: identify songs, dances, festivals and special food preparations associated with certain seasons in their particular region and whether they have some commonality with other regions of India. Collection of material on flora and fauna of the region in which their school is situated. It should include a list of endangered species of the region and also information regarding efforts being made to save them.
ECONOMICS		
Ch-2. People as a Resources Ch-3. Poverty as a Challenge	As per the PT-II Syllabus Who is poor, indicators, absolute poverty-Why people are poor, unequal distribution of resources, comparison between countries, steps taken by government for poverty alleviation.	-
POLITICAL SCIENCE		
Ch-3. Constitutional Design Ch-4. Electoral Politics	As per the PT-II Syllabus Why and how do we elect representatives? Why do we have a system of competition among political parties? How has the citizen's participation in electoral politics changed? What are the ways to ensure free and fair elections?	-

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-2. Socialism in Europe and Russian Revolution	2	1	-	5	10
2	Ch-3. Nazism and the Rise of Hitler	1	-	1	6	12
3	Ch-3. Drainage	2	-	-	2	04
4	Ch-5. Natural vegetation and Wildlife	-	1	-	3	06
5	Ch-4. Climate	-	-	1	5	10
6	Ch-2. People as a Resources	1	1	-	4	08
7	Ch-3. Poverty as a Challenge	-	1	1	8	16
8	Ch-3. Constitutional Design	1	1	-	4	08
9	Ch-4. Electoral Politics	-	1	1	8	16
10	Map Work(History)&(Geography)	-	-	1	5*	10
	Total	1X7=7	3X6=18	5X5=25	50	100

***01 Map Question of 5 marks having 5 items carrying 01 mark each.**

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	Contents	Lab Activity
Unit 4 Word processing(Basic)	As per the PT-II	-
Unit-1 Functional English(Basic)	<ol style="list-style-type: none"> 1. Introducing self 2. Greeting other 3. Describing one’s family 4. Sentences to tell time 5. Framing questions properly 6. Describing people, thing, weather and places 7. Framing complete sentences 8. Likes and dislikes 9. Strengths and weakness 10. Express aspirations 11. Use quantifiers 12. Inviting people 13. Homonym and homophones 	<ol style="list-style-type: none"> 1. Basic knowledge of Spreadsheet 2. Basic Calculations-Addition, Subtraction, Multiplication, Division 3. Insert Column & Row 4. Format Cell & its contents
Unit-5 Spreadsheet	<ol style="list-style-type: none"> 1. Delete – Columns and Rows 2. Spell Check 3. Border the Cells 4. Color the Cells 5. Managing Worksheets in a Workbook 6. Print a Worksheet 	

BLUEPRINT

TIME:- 1:30 Hrs.

MAX. MARKS: 30

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-1 Functional English(Basic)	3	2	1	1	15	30
Unit 4 Word processing(Basic)	2	2	1	1	14	28
Unit-5 Spreadsheet	4	3	2	1	21	42
Total	9x1=9	7x2=14	4x3=12	3x5=15	50	100

ART EDUCATION

CONTENT

- COMPOSITION
 - MODERN ART
 - CARTOON FUNDAMENTAL
 - POSTER DESIGNING
 - BOOK COVER DESIGNING
 - CRAFT
1. 3D OBJECTS WITH CARDBOARD