

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

**Class - X**  
**SUBJECT-ENGLISH**

NAME OF THE BOOK: Literature Reader (CBSE)  
Main Course Book (CBSE)

CHAPTERS	CONTENT	ACTIVITY
<u><b>Literature Reader</b></u> <b>(Fiction)</b> F1- Two Gentlemen of Verona <b>(Poetry)</b> P1- The Frog and the Nightingale  <u><b>Writing &amp; Grammar</b></u> 1. Article Writing 2. Letter of Complaint 3. Editing 4. Omission 5. Rearranging of Sentences  <u><b>Maincourse Book</b></u> 1. Health and Medicine	<ul style="list-style-type: none"> <li>• Reading and appreciating the text</li> <li>• Understanding the plot, the style of writing and the genre</li> <li>• Word meanings-expanding the vocabulary with new words, usage of new words</li> <li>• Understanding the characterization and other elements of a story</li> <li>• Reference to the Context</li> <li>• Questions And Answers</li>   <li>• Usage of formal letters</li> <li>• Essential components of these writing tasks</li> <li>• Their applications in current day</li> </ul>	1. Assessment of Speaking Speech  2. Benefits of Laughter (on A4 size sheet)

**BLUEPRINT**

**TIME: 1:15 Hrs.**

**MAX.MARKS:30**

	1 Mark	2 Marks	5 Marks	Total	Percentage (%) Weightage
<b>SECTION : A (05 marks)</b>					16.7
Unseen Passage	5			5	
<b>SECTION : B (15 marks)</b>					50
Article Writing/letter of complaint	-	-	1	5	
Editing	3	-	-	3	
Omission	2	-	-	2	
Rearranging of Sentences	5	-	-	5	
<b>SECTION : C (10 marks)</b>					33.3
Question Answers	-	3	-	6	
Reference to the Context	2	-	-	2	
Value Based Question	-	1	-	2	
<b>Total</b>	<b>17X1=17</b>	<b>4X2=8</b>	<b>1X5=5</b>	<b>30</b>	<b>100</b>

विषय—हिन्दी

पाठ का नाम	क्रियाकलाप	दत्तकार्य
<b>क्षितिज</b> पाठ—1 सूरदास पाठ—2 तुलसीदास पाठ—10 नेताजी का चश्मा पाठ—11 बाल गोबिन भगत <b>व्याकरण और लेखन</b> वाच्य, रस (हास्य, श्रृंगार, करुण) पत्र लेखन	आशु—भाषण कौशल—पठन	साहित्य भाग से अभ्यासोत्तर प्रश्नोत्तर और व्याकरण भाग से अभ्यास प्रश्नोत्तर

प्रश्न पत्र का स्वरूप

समय—1:15 घण्टा

पूर्णांक—30

क्रम संख्या	पाठ्यक्रमानुसार इकाइयाँ	इकाई पर आवंटित अंक	अंकवार प्रश्नों की संख्या				कुल प्रश्न
			1 अंक	3 अंक	4 अंक	5 अंक	
1	अपठितअवबोध	5	5				1
2	<b>व्याकरण</b> वाच्य रस (हास्य, श्रृंगार, करुण)	4 4			2		2
3	<b>पाठ्यपुस्तक (क्षितिज)</b> पाठ—1 सूरदास पाठ—2 तुलसीदास पाठ—10 नेताजी का चश्मा पाठ—11 बाल गोबिन भगत	3 3 3 3		4			4
4	पत्र लेखन	5				1	1
	<b>योग</b>	<b>30</b>	<b>1X5=5</b>	<b>4X3=12</b>	<b>2X4=8</b>	<b>1X5=5</b>	<b>8</b>

**SUBJECT-MATHEMATICS****NAME OF THE BOOK:** Mathematics

<b>CHAPTER</b>	<b>CONTENT</b>	<b>LAB ACTIVITY</b>
Ch-1: Real Numbers	1. Euclid's division lemma. 2. Fundamental Theorem of Arithmetic. 3. Proofs of irrationality of $\sqrt{2}$ , $\sqrt{3}$ , $\sqrt{5}$ . Decimal representation of rational numbers in terms of terminating / non-terminating recurring decimals.	Worksheet
Ch-2: Polynomials	1. Zeros of a polynomial. Relationship between zeros and coefficients of quadratic polynomials. 2. Statement and simple problems on division algorithm for polynomials with real coefficients.	Worksheet

**BLUEPRINT****TIME:** 1:15 Hrs.**MAX. MARKS:** 30

<b>Name Of The Chapter</b>	<b>Very Short (1 Mark)</b>	<b>Short (2 Marks)</b>	<b>Long (3 Marks)</b>	<b>Very Long (4 Marks)</b>	<b>Total</b>	<b>Percentage (%) Weightage</b>
Ch-1 Real Numbers	3	2	2	1	17	56.7
Ch-2 Polynomial	2	4	1	-	13	43.3
<b>Total</b>	<b>1X5=5</b>	<b>2X6=12</b>	<b>3X3=9</b>	<b>4X1=4</b>	<b>30</b>	<b>100</b>

**SUBJECT – SCIENCE**

**NAME OF THE BOOK:** Science

	<b>CONTENT</b>	<b>ACTIVITY</b>	<b>EXPERIMENT</b>
PHYSICS CH-12 Electricity	Electric current, Potential difference, Ohm’s law, Resistance, Factors affecting resistance, Resistivity, Combination of resistors, Heating effects of electric current and its applications, Electric power	1. To find the least count of ammeter and voltmeter  2.To make an electric circuit by connecting ammeter and voltmeter	1. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it & determine its resistance. Also plotting a graph between V & I  2. Determination of the equivalent resistance of two resistors when connected in series and parallel.
CHEMISTRY CH-1 Chemical Reactions and Equations	Chemical equation, Balanced chemical equations, Types of reactions, Corrosion , Rancidity	To observe the exothermic reaction by adding water to Calcium oxide	To perform and observe the following reactions:  ➤ Combination reaction ➤ Decomposition reaction ➤ Displacement reaction ➤ Double displacement reaction
BIOLOGY CH-6 Life Processes	Basic concept of nutrition, Respiration, Transport and Excretion in plants and animals	1.To investigate the need for chlorophyll in plants  2.To observe transpiration in plants	1.To prepare temporary mount of a leaf peel to show stomata  2.Experimental show that carbon dioxide is given out during respiration

**BLUEPRINT**

**TIME: 1:15 Hrs.**

**MAX. MARKS: 30**

S.No	CHAPTERS	V.V Short Answer (1 Mark)	Very Short Answer (2 Marks)	Short Answer (3 Marks)	Long Answer (5 Marks)	Total Marks	Percentage (%) Weightage
1.	CH-12 Electricity	–	2	2	–	10	33.33
2.	CH-1 Chemical Reactions and Equations	2	1	2	–	10	33.33
3.	CH-6 Life Processes	1	2	–	1	10	33.33
<b>Total</b>		<b>1X3=3</b>	<b>2X5=10</b>	<b>3X4=12</b>	<b>5X1=5</b>	<b>30</b>	<b>100</b>

**SUBJECT- SOCIAL SCIENCE**

**NAME OF THE BOOK:** India and the Contemporary World-II / Contemporary India-II/Democratic Politics-II  
/Understanding Economic Development

	<b>CONTENT</b>	<b>ACTIVITY</b>
<b>HISTORY</b>		
Ch-4. The making of a Global World  OR Ch-5. The Age of Industrialization  OR Ch-6. Work, Life & Leisure (Any one)	The pre-modern world, The 19 <sup>th</sup> century global economy(Colonialism), The inter war economy (Great Depression), Rebuilding the world economy  OR Proto-industrialisation and pace of industrial change, Life of workers, Industrialization in the colonies, Early entrepreneurs &workers, The peculiarities of industrial growth, Market for goods  OR Development of modern cities due to industrialization in London & Bombay, Housing and Land Reclamation, Social changes in the cities and the challenges of the environment	Map Work
<b>GEOGRAPHY</b>		
CH-1. Resources and Development	Types- natural and human, Need for resources planning, natural resources, Land as a resource, Soil types and distribution, changing land-use pattern, Land degradation and conservation measures	Map work
<b>ECONOMICS</b>		
CH-1&2.Power Sharing & Federalism	Why and how is power shared in democracies? How has federal division of power in India helped national unity? To what extent has decentralisation achieved this objective? How does democracy accommodate different social groups?	1. Give more examples of activities done by different workers and farmers. Numerical problems can also be included. 2. Some of the ways through which description of villages are available in the writings of Prem Chand, MN Srinivas and RK Narayan. They may have to be referred.
<b>POL. SCIENCE</b>		
CH-1. Development	The traditional notion of development, National Income and Per Capita Income. Growth of National Income-critical appraisal of existing development indicators (PCI, IMR, SR and other income and health indicators) The need for health and educational development,Human	1. Projecting ideas on development which can be varied or conflicting (find it from newspaper and television). Page no.7(textbook) 2. Completion of paragraph based on the calculation on the table. Page no.12(textbook) 3. Collection of data for calculating BMI. Page no.

	Development, Human Development Indicators (in simple and brief as a holistic measure of development).	13(textbook)
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**BLUEPRINT**

**TIME: 1:15 Hrs.**

**MAX. MARKS: 30**

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-4 The Making of a Global World OR Ch-5 The Age of Industrialization OR Ch-6 Work, Life and Leisure	2	2	-	08	26.7
2	Ch-1 Resources and Development	1	2	-	07	23.3
3	Ch-1 Development	-	-	1	05	16.6
4	Ch-1 Power Sharing	1	1	-	04	13.3
5	Ch-2 Federalism	1	-	-	01	03.3
6	Map Work(History)	2	-	-	02	06.8
7	Map work(Geography)	-	1	-	03	10
	<b>Total</b>	<b>7 X 1 = 7</b>	<b>6 X 3 = 18</b>	<b>1 X 5 = 05</b>	<b>30</b>	<b>100</b>

**\*Weightage given to all parts:**

**History- 10 Marks / Geography- 10 Marks / Political Science- 5 Marks / Economics- 5 Marks**

**SUBJECT- FIT****NAME OF THE BOOK:** Foundation of Information technology

<b>CHAPTER</b>	<b>CONTENT</b>	<b>LAB ACTIVITY/ PRACTICAL</b>
Ch-1 Introducing Internet	1. What is a Network? 2. Introduction to Internet 3. World wide Web(WWW) 4. Internet Technology 5. Web Servers 6. Website 7. Web Pages 8. Web Browsers 9. Blogs 10. URLs/Web Address 11. Protocols 12. Newsgroups 13. HTML	1. Lab based html program. 2. Inserting Image

**BLUE PRINT****TIME:** 1 Hr.**MAX. MARKS:** 20

<b>Name Of The Chapter</b>	<b>Very Short (1 Marks)</b>	<b>Short (2 Marks)</b>	<b>Long (3 Marks)</b>	<b>Very Long (5 Marks)</b>	<b>Total</b>	<b>Percentage (%) Weightage</b>
Ch-1 Introducing Internet	3	3	2	1	10	100
<b>Total</b>	<b>1x3=3</b>	<b>2x3=6</b>	<b>3x2=6</b>	<b>5x1=5</b>	<b>20</b>	

**SUBJECT- ART EDUCATION**

<b>CONTENT</b>
<ul style="list-style-type: none"> <li>• <b>BRIEF HISTORY(INDIAN ART)</b></li> <li>• <b>VISUAL ARTS BASICS AND TERMS</b></li> <li>• <b>MODELLING(PENCIL SHADING)</b></li> <li>• <b>LEGENDS WHO INSPIRE</b></li> </ul>