



**SYLLABUS FOR THE SESSION 2017-18**

**CLASS:IX SUBJECT:हिंदी**

**BOOKS PRESCRIBED:क्षितिज़ (भाग-1), कृतिका (भाग-1), सरस्वती हिंदी व्याकरण**

**MONTH WISE BREAK UP**

MONTH	CHAPTER/TOPIC	SUB TOPIC	ACTIVITIES
APRIL	पाठ-1 दो बैलों की कथा पाठ-2 ल्हासा की ओर पाठ-3 उपभोक्तावाद की संस्कृति पाठ-4 सांवले सपनों की याद		वाद-विवाद
MAY	पाठ-9 सांखियाँ एवं सबद पाठ-10 वाख पाठ-11 सेवैये		अपठित गद्यांश
JULY	व्याकरण: उपसर्ग, प्रत्यय, समास वाक्य-भेद, अलंकार पत्र निबंध  प्रतिवेदन	समास के भेद अर्थ के आधार पर भेद औपचारिक नारी का महत्त्व, भ्रष्टाचार, इंटरनेट का महत्त्व	भाषण प्रतियोगिता
AUGUST	पाठ-1 इस जल प्रलय में पाठ-2 मेरे संग की औरतें पाठ-12 कैदी और कोकिला पाठ-13 ग्राम श्री		अपठित पद्यांश
OCTOBER	पाठ-5 नाना साहब की पुत्री देवी मैना को भस्म कर दिया गया पाठ-6 प्रेमचन्द के फटे जूते पाठ-7 मेरे बचपन के दिन पाठ-8 एक कुत्ता और एक मैना		पठित गद्यांश
NOVEMBER	पाठ-14 चंद्रगहना से लौटती बेर पाठ-15 मेघ आए पाठ-16 यमराज की दिशा		दोहा प्रतियोगिता



DECEMBER	पाठ-17 बच्चे काम पर जा रहे हैं पाठ-3 रीढ़ की हड्डी पाठ-4 माटी वाली		अपठित गद्यांश
JANUARY	पाठ-5 किस तरह आखिरकार मैं हिंदी में आया व्याकरण: उपसर्ग, प्रत्यय, समास वाक्य-भेद अलंकार	अर्थ के आधार पर	देश भक्ति कविता
FEBRUARY	व्याकरण: पत्र , प्रतिवेदन निबन्ध	औपचारिक , अनौपचारिक  दहेज प्रथा, कंप्यूटर की आवश्यकता, स्वच्छ भारत अभियान	अपठित पद्यांश

### Syllabus for Periodic Test:

PERIODIC TEST DATE	SYLLABUS	DESIGN OF PAPER & DISTRIBUTION OF MARKS
14TH AUGUST 2017	पाठ-1 दो बैलों की कथा पाठ-2 ल्हासा की और पाठ-9 सांख्याँ एवं सबद पाठ-10 वाख व्याकरण- उपसर्ग, प्रत्यय, समास	पाठ्य पुस्तक- 20 अंक व्याकरण- 10 अंक  लघु प्रश्नोत्तर-5 अंक दीर्घ प्रश्नोत्तर 5x 2 = 10 अंक पठित गद्यांश -5 अंक उपसर्ग, प्रत्यय -5 अंक, समास - 5 अंक
6TH NOVEMBER 2017	पाठ-5 नाना साहब की पुत्री देवी मैना को भस्म कर दिया गया पाठ- 6 प्रेमचन्द के फटे जूते पाठ-1 इस जल प्रलय में पाठ-12 कैदी और कोकिला व्याकरण- वाक्य-भेद , अलंकार	पाठ्य पुस्तक-20 अंक व्याकरण- 10 अंक  लघु प्रश्नोत्तर-5 अंक दीर्घ प्रश्नोत्तर 5x 2 = 10 अंक (कृतिका) अति दीर्घ प्रश्न -5 अंक अलंकार -5 अंक, वाक्य भेद - 5 अंक
15TH JANUARY 2018	पाठ-7 मेरे बचपन के दिन पाठ-8 एक कुत्ता और एक मैना पाठ-15 मेघ आए पाठ-16 यमराज की दिशा व्याकरण- वाक्य -भेद , अलंकार	पाठ्य पुस्तक- 20 अंक व्याकरण- 10 अंक  लघु प्रश्नोत्तर-5 अंक दीर्घ प्रश्नोत्तर 5x 2 = 10 अंक पठित गद्यांश -5 अंक अलंकार -5 अंक, वाक्य भेद - 5 अंक



**SYLLABUS FOR SEPTEMBER EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
<p>क्षितिज: पाठ-1 दो बैलों की कथा पाठ-2 लहासा की ओर पाठ-3 उपभोक्तावाद की संस्कृति पाठ-4 सांवले सपनों की याद पाठ-9-सांखियाँ और सबद पाठ-10 वाख पाठ-11 सेवैये पाठ-12 कैदी और कोकिला पाठ-13 ग्राम श्री</p> <p>कृतिका: पाठ-1 इस जल प्रलय में पाठ-2 मेरे संग की औरतें</p> <p>व्याकरण : उपसर्ग, प्रत्यय, समास, वाक्य-भेद, अलंकार, प्रतिवेदन, औपचारिक पत्र, निबन्ध</p>	<p>अपठित गद्यांश एवं काव्यांश -5+5=10 अंक व्याकरण=15 अंक पठित गद्यांश एवं पद्यांश=5+5=10 अंक प्रश्नोत्तर 2x5=10 अंक (गद्य भाग ) प्रश्नोत्तर 2x5=10 अंक (काव्य भाग ) (कृतिका) दीर्घ प्रश्न-5x1=5 अंक निबंध-10 अंक पत्र-5 अंक प्रतिवेदन-5 अंक</p>

**SYLLABUS FOR FINAL EXAMINATION EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
<p>क्षितिज: पाठ-1 दो बैलों की कथा पाठ-2 लहासा की ओर पाठ-3 उपभोक्तावाद की संस्कृति पाठ-4 सांवले सपनों की याद पाठ-5 नाना साहब की पुत्री देवी मैना को भस्म कर दिया पाठ-6 प्रेमचन्द के फटे जूते पाठ-7 मेरे बचपन के दिन पाठ-8 एक कुत्ता और एक मैना पाठ-9-सांखियाँ और सबद पाठ-10 वाख पाठ-11 सेवैये पाठ-12 कैदी और कोकिला पाठ-13 ग्राम श्री पाठ-14 चन्द्र गहना से लौटती बेर पाठ-15 मेघ आए पाठ-16 यमराज की दिशा पाठ-17 बच्चे काम पर जा रहे हैं</p> <p>कृतिका:पाठ-1 इस जल प्रलय में पाठ-2 मेरे संग की औरतें पाठ-3- रीढ़ की हड्डी पाठ-4 माटी वाली पाठ-5 किस तरह आखिरकार मैं हिंदी में आया</p> <p>व्याकरण :उपसर्ग, प्रत्यय, समास,</p>	<p>अपठित गद्यांश एवं काव्यांश -5+5=10 अंक व्याकरण=15 अंक पठित गद्यांश एवं पद्यांश=5+5=10 अंक प्रश्नोत्तर 2x5=10 अंक (गद्य भाग ) प्रश्नोत्तर 2x5=10 अंक (काव्य भाग ) (कृतिका) दीर्घ प्रश्न-5x1=5 अंक निबंध-10 अंक पत्र-5 अंक प्रतिवेदन-5 अंक</p>



**SYLLABUS FOR THE SESSION 2017-18**

**CLASS:IX**

**SUBJECT:ENGLISH**

**BOOKS PRESCRIBED:Communicative English, Main Course Book, Bravia, Novel-Three Men In a Boat**

**MONTH WISE BREAK UP**

MONTH	CHAPTER/TOPIC	SUB TOPIC	ACTIVITIES
APRIL	<b>FICTION</b> Ch-1 How I Taught My Grandmother to Read <b>POETRY</b> P-1 The Brook <b>Integrated Grammar</b> <b>Writing-skill</b>	Fill the gaps. Letter-writing	Worksheet on Present tense  Know About Me
MAY	<b>FICTION</b> Ch-2 A Dog Named Duke Ch-3 The Man Who Knew Too Much <b>POETRY</b> P-2 The Road Not Taken <b>Integrated Grammar</b> <b>Writing Skill</b>	Error-Finding Short-story writing	Worksheet on Past tense  Describe any past moment using past tense.
JULY	<b>POETRY</b> P-3 The Solitary Reaper P-4 Lord Ullin's Daughter <b>Drama-Villa For Sale</b> <b>Writing - skill</b>	Article- writing	Role-play  English Song Singing/ Listening
AUGUST	<b>Novel- Three Men In a Boat</b> <b>MCB- Unit- 1 to 3</b>	Ch-1 to 10	Lesson- based Quiz Competition
OCTOBER	<b>FICTION</b> Ch-4 Keeping It From Harold <b>POETRY</b> P-5 The Seven Ages <b>Writing-skill</b>	Diary-entry	Worksheet on Translation  Elocution Competition
NOVEMBER	<b>FICTION-</b> Ch-5 Best Seller <b>POETRY-</b> P-6 Oh,I Wish I'd		Worksheet on basic grammar  Jigsaw- Interactive





	Looked After Me Teeth <b>Writing- skill</b>	Article-writing	Demonstration
DECEMBER	<b>Drama</b> -The Bishop's Candlesticks <b>Novel</b> -Three Men In A Boat	Ch-11 to 20	Listening & speaking based situational conversation
JANUARY	<b>MCB</b> - Unit- 4 to 6 <b>Poem</b> -7 Song Of The Rain <b>Grammar</b> -	Gap-filling Edition / Omission Rearrange the words	Vocabulary (Word-game)  Spell Bee
FEBRUARY	<b>Revision</b>	<b>Revision</b>	Acrostic Poem Writing

### Syllabus for Periodic Test:

PERIODIC TEST DATE	SYLLABUS	DESIGN OF PAPER & DISTRIBUTION OF MARKS
<b>17-7-2017</b>	Fiction: L-1 ,2 Poem: 1, 2 Integrated Grammar Writing-skill: Letter Writing	Passage/Extract-3 Short Q/A -8 Long Q/A-4 Gap-fill-3 Error Finding-4 Rearrange the words-3 Writing Skill-5
<b>13-10-2017</b>	Fiction: L- 2,3, 4 Poem: 3,4 Integrated Grammar, Writing-skill: Story Writing	Passage/Extract-3 Short Q/A -8 Long Q/A-4 Gap-fill-3 Error Finding-4 Rearrange the words-3 Writing Skill-5
<b>4-12-2017</b>	Fiction: L-3, 4, 5 Poem-:5,6 Integrated Grammar Writing -skill : Diary Entry	Passage/Extract-3 Short Q/A-8 Long Q/A-4 Gap-fill-3 Error Finding-4 Rearrange the words-3 Writing Skill-5



**SYLLABUS FOR SEPTEMBER EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
Literature Reader- Ch- 1 to 3 Poem- 1 to 4 Drama- Villa for sale Novel- Ch- 1 to 10 Grammar- Rearrange the words Edition / Omission Gap - filling Writing -skill- Article / Diary-entry Short-story writing	SECTION-A 20 Marks 1.Unseen passage-12 2.Unseen Passage-8 SECTION-B 30 Marks 3.Article/Letter-8 4.Story-writing-10 5.Integrated Grammar-12 SECTION-C 30 Marks 6.Extract(Poem)-4 7.Short Q/A-8 8.Long Q/A-8 9.Novel based Que.-10

**SYLLABUS FOR FINAL EXAMINATION EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
Literature Reader- Ch- 1 to 6 Poem- 1 to 6 Drama-Villa for sale Drama- Bishop's Candlesticks Novel- Ch-1 to 2 Grammar-Rearrange the words Edition / Omission Gap- filling Writing-skill- Article /Diary-entry Short-story writing	SECTION-A 20 Marks 1.Unseen passage-12 2.Unseen passage-8 SECTION-B 30 Marks 3.Article/Letter Writing-5 4.Story- writing-10 5.Integrated Grammar-15 SECTION-C 30 Marks 6.Extract - 4 7.Short Q/A -10 8.Long Q/A -6 9.Novel- based Q/A -10



**SYLLABUS FOR THE SESSION 2017-18**

**CLASS:IX**

**SUBJECT:MATHEMATICS**

**BOOKS PRESCRIBED:NCERT and DEVJYOTI**

**MONTH WISE BREAK UP**

MONTH	CHAPTER/TOPIC	SUB TOPIC	ACTIVITIES
APRIL	Number system	<ul style="list-style-type: none"> <li>● Irrational numbers</li> <li>● Real number and their decimal expressions</li> <li>● Representing real numbers on the number line</li> <li>● Laws of exponents</li> </ul>	To construct a square-root spiral with the help of an activity
	Polynomials	<ul style="list-style-type: none"> <li>● Polynomials in one variable</li> <li>● Zeroes of polynomials</li> <li>● Remainder theorem</li> <li>● Algebraic identities</li> </ul>	
MAY	Introduction to Euclid's geometry	<ul style="list-style-type: none"> <li>● Axioms and postulates</li> </ul>	
	Lines and angles	<ul style="list-style-type: none"> <li>● Intersecting and non intersecting lines</li> <li>● pairs of angles</li> <li>● Angle sum property of a triangle</li> </ul>	
JULY	Triangles	<ul style="list-style-type: none"> <li>● Congruence of triangles</li> <li>● Properties of triangles</li> <li>● Inequality in triangles</li> </ul>	To verify that the sum of any two sides of a triangle is always greater than third side
		<ul style="list-style-type: none"> <li>● Cartesian</li> </ul>	To find the mirror



	Coordinate geometry	<ul style="list-style-type: none"> <li>• system</li> <li>• Plotting a point in the Cartesian plane</li> </ul>	image of a given geometrical figure with respect to the x and y axes
AUGUST	<p>Heron's formula</p> <p>Linear equation in two variables</p>	<ul style="list-style-type: none"> <li>• Area of triangle by Heron's formula</li> <li>• Application of Heron's formula</li> <li>• Solution of a linear equation</li> <li>• Graph of a linear equation</li> </ul>	
OCTOBER	<p>Surface area and volumes</p> <p>Probability</p>	<ul style="list-style-type: none"> <li>• Surface area of a cuboid and cube</li> <li>• Surface area of cylinder and cone</li> <li>• Volume of cuboid, cylinder, cone and sphere</li> <li>• Probability of an event</li> </ul>	
NOVEMBER	<p>Quadrilaterals</p> <p>Constructions</p>	<ul style="list-style-type: none"> <li>• Angle sum property of a quadrilateral</li> <li>• Types of quadrilaterals</li> <li>• Mid point theorem</li> <li>• Construction of different types of angles</li> <li>• Construction of different types of triangles</li> </ul>	To draw the midpoint of a line segment by paper folding activity
DECEMBER	Area of parallelogram and triangles	<ul style="list-style-type: none"> <li>• Parallelograms on the same base</li> </ul>	Formation of a parallelogram by





	Statistics	<p>and between the same parallels are equal in area</p> <ul style="list-style-type: none"> <li>• Triangles on the same base and between the same parallels are equal in area</li> <li>• Frequency distribution table</li> <li>• Bar graph</li> <li>• Histograms</li> <li>• Frequency polynomial</li> <li>• mean, median and mode</li> </ul>	<p>paper folding</p> <p>To find the percentage of the students in a group of students who write faster with their left/right hand</p>
JANUARY	Circles	<ul style="list-style-type: none"> <li>• Angle subtended by a chord at the centre of a circle</li> <li>• Equal chords and their distances from the centre</li> <li>• Angle subtended by an arc</li> </ul>	To verify that the angles in the same segment of a circle are equal
FEBRUARY	Revision		

**Syllabus for Periodic Test:**

PERIODIC TEST DATE	SYLLABUS	DESIGN OF PAPER & DISTRIBUTION OF MARKS
24/7/17	Number system, polynomials, Euclid's geometry, Lines and angles	Number system- 8 marks Polynomials- 10 marks Euclid's geometry- 8 marks Lines and angles- 4 marks
16/10/17	Number system, polynomials, Euclid's geometry, Lines and angles, Triangles, coordinate geometry, Heron's formula, Linear equation in two variables	Number system- 2 marks Polynomials- 2 marks Euclid's geometry- 1 mark Lines and angles- 1 mark Triangles- 2 marks Coordinates geometry - 6 marks



		Heron's formula- 8 marks Linear equation in two variables-8 marks
11/12/17	Number system,polynomials,Euclid's geometry,Lines and angles,Triangles,coordinate geometry,Heron's formula,Linear equation in two variables,Surface area and volume,Statistics,probability ,Construction,Quadrilateral, Area of parallelograms and triangles	Number system-2 marks Polynomials- 2 marks Euclid's geometry- 0 marks Lines and angles- 1 marks Triangles- 2 marks Coordinates geometry - 2marks Heron's formula- 2 marks Linear equation in two variables- 2mark Surface area and volume-3 marks Statistics-4 marks Probability- 4 marks Construction - 2 marks Quadrilateral- 2 marks Area of parallelogram and triangles- 2 marks

**SYLLABUS FOR SEPTEMBER EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
Number system-12 marks Polynomials- 14 marks Euclid's geometry- 6 marks Lines and angles- 10 marks Triangles- 8 marks Coordinates geometry - 10 marks Heron's formula- 10 marks Linear equation in two variables-10marks	1 marks-4 question 2 marks-6 question 3 marks- 8 question 4 marks- 10question  Total question-28 Total marks -80

**SYLLABUS FOR FINAL EXAMINATION EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
Number system-6 marks Polynomials- 8 marks Euclid's geometry- 2 marks Lines and angles- 4 marks Triangles- 4 marks Coordinates geometry - 4 marks Heron's formula- 6 marks Linear equation in two variables- 8mark Surface area and volume-4 marks Statistics-10 marks Probability- 8 marks Construction - 4 marks Quadrilateral- 4 marks Area of parallelogram and triangles- 4	1 marks-4 question 2 marks-6 question 3 marks- 8 question 4 marks- 10question  Total question-28 Total marks -80



marks Circles- 4 marks	
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**SYLLABUS FOR THE SESSION 2017-18**

**CLASS:IX**

**SUBJECT:S.S.**

**BOOKS PRESCRIBED:History -India and The Contemporary World-1**

**Geog - India-Resources and Their Development**

**Pol. Sc. - Democratic Politics-1**

**Eco. - Understanding Economic Development-1**

**MONTH WISE BREAK UP**

MONTH	CHAPTER/TOPIC	SUB TOPIC	Activity
APRIL	Ch. I (History) The French Revolution  Ch. 1 (Geography) India Size and Location  Political Sc. Ch-1 Democracy In the Contemporary World  Economics Ch-1 Factors of Production	(a) French Society during the late eighteenth century (b) A directory Rules in France (c) The Revolution and Everyday Life (a) Location of India (b) Size (c) India and the World (a) What is Democracy (b) Features of Democracy (c) Free and fair election (d) Arguments against Democracy (a) Production Process (b) Working Capital (c) Factors of Production (d) Human Capital (e) Multiple Cropping	Class Interaction
MAY	Ch-2 (Geography) Physical Features of India  Ch-2 (Political Science) What is Democracy? Why do we need	(a) Major physiographic Divisions (b) Northern Plain (c) Indian Desert (d) The Coastal Plains (e) The Islands  (a) What is Democracy? (b) Features of Democracy (c) Free and fair electoral competition	Debate on Democracy



	Democracy?  Ch-2 (Economics) People's Resource	(d) Debating merits of democracy (e) Arguments for Democracy (a) Natural Resources (b) Human Resources (c) Skilled workers (d) Seasonal Unemployment (e) Market and Non Market Activities	
JULY	Ch-2 (History) Socialism in Europe and the Russian Revolution  Ch-3 (Geography) Drainage	(a) The age of social changes (b) The Russian Revolution (c) What changed after October (d) The Global influence of the Russian Revolution (a) Drainage system in India (b) The Himalayan River (c) Role of rivers in the economy (d) River pollution	Quiz Competition
AUGUST	Ch-3 (History) Nazism and the Rise of Hitler  Ch-3 (Political Science.) Constitution Design	(a) Birth of Weimar Republic (b) Hitler's Rise to Power (c) The Nazi worldview (a) Democratic constitution in South Africa (b) Why do we need a constitution (c) Guiding values of the Indian Constitution	Worksheet on Constitution
OCTOBER	Ch-4 (History) Forest Society and Colonialism  Ch-4 (Geography) Climate	(a) Deforestation (b) Shifting Cultivation (c) India forest act 1818 (d) Different types of communities (a) Factors influencing the climate (b) Monsoon (c) Rainfall and temperature distribution	National park and bird sanctuaries
NOVEMBER	Ch-5 (Geography) Natural Vegetation and WildLife  Ch-3 (Economics) Poverty as a	(a) Types of vegetation (b) Need for conservation and various measures (c) Major Species (a) Unemployment	





	Challenge Ch-4 (Political Science) Electoral Politics	(b) Mass Poverty (c) Distribution System of Poverty (a) Importance of Politics (b) Challenges of Politics (c) Boot Capturing	
DECEMBER	Ch-6 (Geography) Population  Ch-5 (Political Science) Working of Institutions  Ch-4 (Economics) Food Security in India	(a) Size of Population (b) Literacy, Health and Occupational structure (c) Population Policy (a) Coalition Government, Executive Government (b) Judiciary (c) Political Institution (d) State Assembly (a) Minimum Support Price (b) Buffer Stock and Fair Price Shops (c) The Food Corporation of India	Population pyramid of the World on A/4 sheet
JANUARY	Ch-7 (History) History of Sport-The Story of Cricket  Ch-6 (Political Science) Democratic Rights	(a) Culture (b) Patronage and President (c) Cricket popular in India and West Indies (a) Types of Democratic Rights (b) The role of law (c) Explanation	collage making on history of cricket
FEBRUARY	Ch-5 (History) Pastoralists in the Modern World  Ch-6 (History) Peasant and Farmers	(a) Different types of Nomads (b) Different types of crops (c) Criminal Tribes Act 1871 (a) Shifting Agriculture (b) Shifting Swing Movement (c) Role of Thomas Jefferson (d) Dust Bowl tragedy	

**Syllabus for Periodic Test:**

PERIODIC TEST DATE	SYLLABUS	DESIGN OF PAPER & DISTRIBUTION OF MARKS
31.7.17	History Ch-1 (The French Revolution Ch-2 (Socialism in Europe and the Russian Revolution) Geography	History-8 The French Revolution-3 Socialism in Europe and The Russian Revolution-5 Geography-8



	<p>Ch-1 (India size and Location)  Ch-2 (Physical Features of India)  Ch-3 (Drainage)  Political Science  Ch-1 (Democracy in the Contemporary World)  Ch-2 (What is Democracy? Why do we need Democracy?)  Economics  Ch- 1 (Factors of Production)  Ch-2 (Peoples Resource)</p>	<p>India Size and Location-3  Physical Features of India-3  Drainage -1+1  Pol.Sc.-8  Democracy in the Contemporary World-1+3  What is Democracy - 1+3  Economics -6  Factors of Production -3  People as Resource -3</p>
23.10.17	<p>History  Ch-1 (The French Revolution)  Ch-2 (Socialism in Europe and the Russian Revolution)  Ch- 3 (Nazism and the Rise of Hitler)  Ch-4 (Forest Society and Colonialism)  Geography  Ch-1 (India size and Location)  Ch-2 (Physical Features of India)  Ch-3 (Drainage)  Ch-4 ()  Political Science  Ch-1 (Democracy in the Contemporary World)  Ch-2 (What is Democracy? Why do we need Democracy?)  Ch-3 (Constitution Design)  Economics  Ch- 1 (Factors of Production)  Ch-2 (Peoples Resource)</p>	<p>History -8  The French Revolution-1  Socialism in Europe -0  Naziism and the Rise of Hitler-3  Forest Society and the Colonialism -1+3  Geog - 8  India Size and Location -1  Physical Features of India-1  Drainage -3  Climate -3  Pol.Sc. -8  Democracy in the Contemporary World's -3  The Constitution Design-5  Economics -6  Factors as a Production -3  People as a Resource -3</p>
18.12.17	<p>History  Ch-1 (The French Revolution)  Ch-2 (Socialism in Europe and the Russian Revolution)  Ch- 3 (Nazism and the Rise of Hitler)  Ch-4 (Forest Society and Colonialism)  Geography  Ch-1 (India size and Location)  Ch-2 (Physical Features of India)  Ch-3 (Drainage)  Ch-4 (Climate)  Ch-5 (Natural Vegetation and WildLife)  Ch-6 (Population)  Political Science  Ch-1 (Democracy in the Contemporary World)  Ch-2 (What is Democracy? Why do we need Democracy?)  Ch-3 (Constitution Design)  Ch-4 (Electoral Politics)  Ch-5(Working of Institutions)  Economics  Ch- 1 (Factors of Production)</p>	<p>History-8  The French Revolution-1  Socialism in Europe-0  (Nazism and the Rise of Hitler-3  (Forest Society and Colonialism-1+3  Geography-9  India size and Location-0  Physical Features of India-0  Drainage-1  Climate-3  Natural Vegetation and WildLife-5  Political Science-6  Democracy in the Contemporary World-0  What is Democracy? Why do we need Democracy-0  Constitution Design-3  Electoral Politics-3  Economics-7  Factors of Production-0  Peoples as a Resource-1</p>



	Ch- 2 (Peoples Resource) Ch- 3 (Poverty as a Challenge) Ch- 4(Food Security in India)	Poverty as a Challenge-3 Food Security in India-3
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**SYLLABUS FOR SEPTEMBER EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
History Ch-1 (The French Revolution) Ch-2 (Socialism in Europe and the Russian Revolution) Ch- 3 (Nazism and the Rise of Hitler)	History -20 Political Science-20 Economics -20 Geography-20
Geography Ch-1 (India size and Location) Ch-2 (Physical Features of India) Ch-3 (Drainage)	
Political Science Ch-1 (Democracy in the Contemporary World) Ch-2 (What is Democracy? Why do we need Democracy?) Ch-3 (Constitution Design)	
Economics Ch- 1 (Factors of Production) Ch- 2 (Peoples Resource)	

**SYLLABUS FOR FINAL EXAMINATION EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
History Ch-1 (The French Revolution) Ch-2 (Socialism in Europe and the Russian Revolution) Ch- 3 (Nazism and the Rise of Hitler) Ch-4 (Forest Society and Colonialism) Ch-5 (Pastoralists in the Modern World) Ch-6 (Peasant and Farmers) Ch-7 (History of Sport-The Story of Cricket)	History -20 Geography -20 Political Science-20 Economics -20
Geography Ch-1 (India size and Location) Ch-2 (Physical Features of India) Ch-3 (Drainage) Ch-4 (Climate ) Ch-5 (Natural Vegetation and WildLife) Ch-6 (Population)	
Political Science Ch-1 (Democracy in the Contemporary World) Ch-2 (What is Democracy? Why do we need Democracy?) Ch-3 (Constitution Design) Ch-4 (Electoral Politics) Ch-5(Working of Institutions)	



Ch-6 (Democratic Rights) Economics Ch- 1 (Factors of Production Ch- 2 (Peoples Resource) Ch- 3 (Poverty as a Challenge) Ch- 4(Food Security in India)	
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**SYLLABUS FOR THE SESSION 2017-18**

**CLASS:IX**

**SUBJECT:SCIENCE**

**BOOKS PRESCRIBED:EFFECTUAL BIOLOGY,PHYSICS AND CHEMISTRY**

**MONTH WISE BREAK UP**

MONTH	CHAPTER/TOPIC	SUB TOPIC	ACTIVITIES
APRIL	Bio-Cell	Cell shape,size and types Structure of plant and animal cell Cell wall and cell membrane Nucleus,Cytoplasm Endoplasmic reticulum, Golgi complex Mitochondria,Plastid Ribosomes,lysosome and centrosomes	To determine the mass percentage of water imbibed by raisins. To prepare stained temporary mounts of onion peel and human cheek cell.
	Phy-Motion	Distance and displacement,Speed and Velocity Uniform and Non-uniform motion, Acceleration Uniformly accelerated motion,derivation of equation of motion.	To establish relationship between Weight of a rectangular block lying on a horizontal table and the minimum force required to just move it using a spring balance.
	Chem- Matter in our surrounding	Physical state of matter, characteristic,state of matter,evaporation, condensation ,sublimation	
MAY	Bio-Tissues	Meristematic tissue Permanent tissue Animal tissues and its types	To identify parenchyma and sclerenchyma tissues in plants and striated muscle fibre in animals.
	Phy-Motion	Acceleration Uniformly	





	Chem-Is matter around us pure	accelerated motion, derivation of equation of motion. Elements, compounds and mixture, homogenous, Heterogeneous mixture.	To prepare true solution, suspension and colloidal solution To prepare a mixture and a compound and distinguish them.
JULY	Bio-Diversity in living world  Phy-Force and Newton's Laws  Chem-Is matter around us pure	Basis of classification Naming and hierarchy of classification Five kingdom system of classification Kingdom Plantae and its divisions Force, Newton's laws of motion, Inertia and mass, momentum. Colloids and suspensions, methods to separate the component of a mixture	To study the characteristics of Agaricus, Pteris, Pinus and angiospermic plant.  To carry out certain reactions and classify them as physical and chemical changes.
AUGUST	Bio-Diversity in living world  Phy-Gravitation  Chem-Structure of atom	Kingdom animalia and its phylum Phylum Chordata Gravitation and gravity Universal law of gravitation, Acceleration due to gravity, mass and weight, Free fall. Electron, Proton and Neutron, Thomson's model, Rutherford's Scattering model of an atom.	To observe the given specimens of earthworm, cockroach, bony fish and bird.  To verify the law of conservation of mass in a chemical reaction
OCTOBER	Bio-Why do we fall ill  Phy-Floatation	Health and its failure Infectious and noninfectious diseases Viral, bacterial and protozoan disease Thrust and pressure, Archimede	To study the life cycle of mosquito.  To determine the density of solid by using a spring



	Chem-Structure of atom.	<p>s<sup>2</sup> Principle, Buoyancy Relative density.</p> <p>Bohr's model of an atom, Bohr-bury scheme of distribution of electrons in shells Valency, Isotopes and Isobars</p>	<p>balance. To establish the relation between the loss in weight of a solid when immersed in Tap water and salty water.</p>
NOVEMBER	<p>Bio-Food Production</p> <p>Phy-Work, Energy and Power</p> <p>Chem- Atoms and molecules</p>	<p>Plant and animal breeding and selection for improvement and management. Work done by a force, energy, power, kinetic and potential energy, law of conservation of energy. Law of chemical combination: Law of conservation of mass, law of constant proportions, Dalton's atomic theory.</p>	<p>To test the presence of starch and adulterant metanil in the given food sample. To observe and compare the pressure exerted by solid Iron cuboid on fine sand.</p>
DECEMBER	<p>Bio-Food Production</p> <p>Phy-Sound</p> <p>Chem-Atom and molecules</p>	<p>Use of fertilizers, manures, protection from pests and diseases, organic farming. Nature of sound and its propagation in various media, speed of sound, range of hearing in humans, Ultrasound. Atomic and molecular masses, Formula mass unit.</p>	<p>To verify laws of reflection of sound. To determine the velocity of a pulse propagated through a slinky.</p>
JANUARY	<p>Bio-Our Environment</p> <p>Phy-Sound</p>	<p>Air, water, soil, movements of air and its role in bringing rain.. Reflection of</p>	<p>Revision</p>



	Chem-Atom and molecules	sound,Echo and SONAR Mole concept Chemical formula of common compounds.	
FEBRUARY	Bio-Our Environment  Chem-Atom and molecules  Phy-Sound	Ozone hole, Biogeochemical cycles. Numerical practice based on mole concept. Structure of human ear(auditory aspect only).	Revision

### Syllabus for Periodic Test:

PERIODIC TEST DATE	SYLLABUS	DESIGN OF PAPER & DISTRIBUTION OF MARKS
21/8/2017	Bio-Cell,Tissues  Phy-Motion,Force and Newton's Laws  Chem- Matter in our surrounding, is matter around us pure	<b>M.Marks. 30</b> <b>VSQ(1 mark)- 3X1=3</b> <b>SA-I(2 marks)-3X2=6</b> <b>VBQ-(3 mark)-1X3=3</b> <b>SA-II(3 marks )-6X3=18</b>  <b>Bio-8 marks</b> Cell-5 marks Tissues-3 marks  <b>Phy-12 marks</b> Motion-6 marks Force and Newton's Laws-6 marks  <b>Chem-8 marks</b> Matter in our surrounding-5 marks Is matter around us pure-3 marks
24/11/2017	<b>Bio-Cell,Tissues,Diversity</b>	<b>M.Marks. 30</b> <b>VSQ(1 mark)- 3X1=3</b> <b>SA-I(2 marks)-3X2=6</b> <b>VBQ-(3 mark)-1X3=3</b> <b>SA-II(3 marks )-6X3=18</b>  <b>Bio-12 marks</b>



	<p>in living world,Why do we fall ill</p> <p><b>Phy</b>-Motion,Force and Newton's Laws,Gravitation,Floatation</p> <p><b>Chem</b>- Matter in our surrounding, Is matter around us pure,Structure of atom</p>	<p>Cell-1 mark Tissues-2 marks Diversity in living world-6 marks Why do we fall ill-3 marks Phy-10 marks Motion-1 mark Force and Newton's Laws-2 marks Gravitation-4 marks Floatation-3 marks Chem-8 marks Matter in our surrounding-2 marks Is matter around us pure -3 marks Structure of atom-3 marks</p>
22/1/17	<p>Bio-Cell,Tissues,Diversity in living world,Why do we fall ill,Food Production</p> <p><b>Phy</b>-Motion,Gravitation,Force and Newton's Laws,Floatation Work,Energy and Power ,Sound</p> <p><b>Chem</b>- Matter in our surrounding, is matter around us pure ,Atoms and molecules Structure of atom</p>	<p><b>M.Marks. 30</b> <b>VSQ(1 mark)- 3X1=3</b> <b>SA-I(2 marks)-3X2=6</b> <b>VBQ-(3 mark)-1X3=3</b> <b>SA-II(3 marks )-6X3=18</b> <b>Bio-12 marks</b> Cell-1 mark Tissues-1 mark Diversity in living world-4 marks Why do we fall ill-3 marks Food Production -3 marks</p> <p><b>Phy-10 marks</b> Motion-1 mark Gravitation-1 mark Force and Newton's Law-1 mark Floatation-1 mark Work,Energy &amp; Power- 3 marks Sound-3 marks</p> <p><b>Chem-8 marks</b> Matter in our surrounding-1 mark Is matter around us pure -1 mark Atoms and molecules-3 marks Structure of atom-3 marks</p>

**SYLLABUS FOR SEPTEMBER EXAMINATION:**





CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
<p>Bio-Cell, Tissues, Diversity in living world</p> <p><b>Phy</b>-Motion, Force and Newton's Laws, Gravitation</p> <p><b>Chem</b>- Matter in our surrounding, Is matter around us pure, Atoms and molecules Structure of atom.</p>	<p><b>Design of paper</b></p> <p><b>M.Marks.-80</b>  <b>VSQ(1 mark)-4X1=4</b>  <b>SQ-I(2 marks)-6X2=12</b>  <b>SQ-II(3 marks)-7X3=21</b>  <b>VBQ(3 marks)-1X3=3</b>  <b>LQ(5 marks)-5X5=25</b>  <b>MCQ(1 mark)-9X1=9</b>  <b>PBQ(2 marks)-3X2=6</b></p> <p><b>Distribution of marks</b></p> <p><b>Bio-24 marks</b>  <b>Cell-8 marks</b>  <b>Tissues-7 marks</b>  <b>Diversity in living world-9 marks</b></p> <p><b>Phy-26 marks</b>  Motion-9 marks  Force and Newton's Laws-9 marks  Gravitation-8 marks</p> <p><b>Chem- 30 marks</b>  Matter in our surrounding-10 marks  Is matter around us pure-8 marks  Structure of atom-12 marks</p>

**SYLLABUS FOR FINAL EXAMINATION EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
<p>Bio-Cell, Tissues, Diversity in living world, Why do we fall ill, Food Production, Our Environment</p> <p><b>Phy</b>-Motion, Gravitation, Force and Newton's Laws, Floatation Work, Energy and Power, Sound</p>	<p><b>Design of paper</b></p> <p><b>M.Marks.-80</b>  <b>VSQ(1 mark)-4X1=4</b>  <b>SQ-I(2 marks)-6X2=12</b>  <b>SQ-II(3 marks)-7X3=21</b>  <b>VBQ(3 marks)-1X3=3</b>  <b>LQ(5 marks)-5X5=25</b>  <b>MCQ(1 mark)-9X1=9</b>  <b>PBQ(2 marks)-3X2=6</b></p> <p><b>Distribution of marks</b></p> <p><b>Bio-30 marks</b>  Cell-5 marks  Tissues-6 marks  Diversity in living world-7 marks  Why do we fall ill-5 marks  Food Production-4 marks  Our Environment-3 marks</p> <p><b>Phy-26 marks</b>  Motion-4 marks  Gravitation-4 marks  Force and Newton's Laws-3 marks  Floatation-3 marks  Work, Energy &amp; Power-6 marks</p>



<b>Chem-</b> Matter in our surrounding, is matter around us pure ,Atoms and molecules Structure of atom.	Sound-6 marks <b>Chem- 24 marks</b> Matter in our surrounding-5 marks Is matter around us pure -6 marks Atoms and molecules-6 marks Structure of atom-7 marks
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**SYLLABUS FOR THE SESSION 2017-18**

**CLASS: IX**

**SUBJECT:F.I.T.**

**BOOKS PRESCRIBED: Foundation of Information Technology( devjyoti)**

**MONTH WISE BREAK UP**

MONTH	CHAPTER/TOPIC	SUB TOPIC	ACTIVITIES
APRIL	L-1 Convergence of technology L-2 computer system	History of computer, Generations, Classifications, Types of computers, characteristics of computer	Practical
MAY	L-5 computer language and software	computer software, system software, operating system,types of computer languages, kinds of software	Practical
JULY	L-3 Components of computer system L-4 Concept of memory	Functions of CPU, input devices, output devices, storages devices, memory, types of RAM and ROM	Practical
AUGUST	L-8 Operating system and introduction to windows L- 9 Word	windows, features of operating system, components, control panel, features of Word, toolbar, formatting, find and replace, word art, tables, mail merge	Practical



OCTOBER	L-6 communication technology	network, advantages, disadvantages, components, wireless networking, types of network, topologies, data communications	Practical
NOVEMBER	L-7 Introduction to internet	internet, WWW, websites, hyperlinks, chatting, netiquette	Practical
DECEMBER	L-10 Powerpoint	Starting powerpoint, toolbar, templates, slides, formatting, transitions, animations, views, slideshow, smartart, action buttons	Practical
JANUARY	L-11 Excel L-12 IT Applications	Spreadsheet, toolbar, cells content, height and width, merge cells, alignment, header and footer, formulas, functions, sorting, validation, tables, charts,	Practical
FEBRUARY	L-13 Societal impact of IT	Plagiarism, privacy, data and network security, copyright, cyber crime, careers in IT, E-Governance	Practical

### Syllabus for Periodic Test:

PERIODIC TEST DATE	SYLLABUS	DESIGN OF PAPER & DISTRIBUTION OF MARKS
24/8/17	L-1 Convergence of technology L-5 computer language and software	MCQ-1x5=5marks Fillups-1x5=5marks Ques/ans- 20 marks
20/11/17	L-6 communication technology L-7 Introduction to internet	MCQ-1x5=5marks Fillups-1x5=5marks Ques/ans- 20 marks
5/2/18	L- 10 Powerpoint L-11 Excel	MCQ-1x5=5marks Fillups-1x5=5marks Ques/ans- 20 marks

### SYLLABUS FOR SEPTEMBER EXAMINATION:

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF
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	MARKS
L-1 Convergence of technology	marks-10 M.M-80
L-2 computer system	marks-10
L-3 Components of computer system	marks-10
L-4 Concept of memory	marks-10
L-5 computer language and software	marks-20
L-8 Operating system and introduction to windows	marks-10
L- 9 Word	marks-10

**SYLLABUS FOR FINAL EXAMINATION EXAMINATION:**

CHAPTER NAME	DESIGN OF PAPER & DISTRIBUTION OF MARKS
L-1 Convergence of technology	marks-10 M.M-80
L-2 computer system	marks-5
L-3 Components of computer system	marks-10
L-4 Concept of memory	marks-5
L-5 computer language and software	marks-10
L-6 communication technology	marks-10
L-7 Introduction to internet	marks-5
L-8 Operating system and introduction to windows	marks-5
L- 9 Word	marks-5
L-10 Powerpoint	marks-5
L-11 Excel	marks-5
L-12 IT Applications	marks-5
L-13 Societal impact of IT	marks-5

