

**ARMY PUBLIC SCHOOL MEERUT CANTT**  
**SYLLABUS BIFURCATION 2020-21**  
**CLASS VII**

<b>SUBJECT SCIENCE</b>					
<b>BOOKS</b>			<b>PUBLISHER</b>		
SCIENCE TEXTBOOK FOR CLASS VII			NCERT		
<b>ASSESSMENT S</b>	<b>% SYLLABUS TO BE COVERED</b>	<b>MONTH &amp; NO OF WORKING DAYS</b>	<b>TOPICS</b>	<b>PERIODS REQUIRED</b>	<b>ACTIVITIES</b>
	15%	APRIL 18 DAYS	Ch:1 Nutrition in Plants Ch:2 Nutrition in Animals Ch:3 Fibre to Fabric	7 8 8	Scrapbook on heterotrophic plants/animals that gives us wool
	10%	MAY 17 DAYS	Ch:15 Light	8	Activity to demonstrate reflection and refraction of light
<b>SYLLABUS 1<sup>ST</sup> UNIT TEST</b>			Ch:1,2,3&15		
	15%	JULY 25 DAYS	Ch:4 Heat Ch:5 Acid Base and Salt Ch:13 Time and Motion	8 9 8	Learn the chemical symbols of elements
	10%	AUG 22 DAYS	Ch:6 Physical and Chemical Changes Ch:7 Weather Climate and Adaptation of Animals to Climate	10 10	Effect of Acid and Base on litmus paper

	10%	SEP 25 DAYS	Ch:8 Wind, Storms and Cyclones  Revision	7	Newspaper report about Rain, thunder & lightning
<b>HALF YEARLY SYLLABUS</b>			Ch:1,2,3,4,5,6,7 , 8, 13 & 15		
	10%	OCT 16 DAYS	Ch:9 Soil Ch:10 Respiration in Organisms	9 8	To observe percolating rate in different soil samples
	10%	NOV 19 DAYS	Ch:12 Reproduction in plants Ch:16 Water :A precious Resource  Revision	6 7	Poster making on conservation of water
<b>2<sup>ND</sup> UNIT TEST SYLLABUS</b>			Ch:9,10,12&16		
	10%	DEC 20 DAYS	Ch:17 Forests: Our Lifeline Ch:14 Electric Current and Its Effects	9 9	Making of an electric circuit
	10%	JAN 21	Ch:18 Wastewater Story Ch:11 Transportation in Animals and Plants	7 7	-

8 <sup>TH</sup> FEB SYLLABUS COMPLITION FOR VI –VIII , IX & XI	FEB 21	REVISION		
ANNUAL EXAM SYLLABUS		1.Nutrition in plants 2.Acid, Bases and Salts 3. All topics covered after Half Yearly Exams	-	

SIG OF HOD

ARMY PUBLIC SCHOOL MEERUT CANTT SYLLABUS BIFURCATION 2020-21 CLASS VII					
SUBJECT : SOCIAL SCIENCE					
BOOKS			PUBLISHER		
OUR PASTS - II			N.C.E.R.T		
OUR ENVIRONMENT			N.C.E.R.T		
SOCIAL AND POLITICAL LIFE - II			N.C.E.R.T		
ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH & NO OF WORKING DAYS	TOPICS	PERIODS REQUIRED	ACTIVITIES
	15%	APRIL 18 DAYS	<b>HIS</b> CH 1: Tracing changes through a Thousand years <b>GEO</b> CH 1: Our Environment <b>CIV</b> CH 1: On Equality	6 6 6	Timeline Map work Flow chart
	10%	MAY 17 DAYS	<b>HIS</b> CH 2: New kings and kingdoms <b>GEO</b> CH 2: Inside our earth <b>CIV</b> CH 2: Role of the government in Health	6 5 6	Map work Project Role play
	15%	JULY 22 DAYS	<b>HIS</b> CH 3: The Delhi Sultans CH 4: The Mughal Empire <b>GEO</b> CH 3: Our Changing Earth <b>CIV</b> CH 3: How the state government work	6 6 5 5	Map work Timeline Concept map Videos Demonstration
<b>SYLLABUS 1<sup>ST</sup> UNIT TEST</b>					
	10%	AUG 22 DAYS	<b>HIS</b> CH 5: Rulers and Buildings <b>GEO</b> CH 4: Air CH 5: Water <b>CIV</b> CH 4: Growing up as boys and girls	6 6 5 5	Project work Video Group discussion
	10%	SEP 25 DAYS	<b>HIS</b> CH 6: Towns, traders and craftsperson <b>GEO</b> CH 6: Natural vegetation and wildlife <b>CIV</b> CH 5: Women change the world <b>Revision</b>	6 5 4 10	Concept mapping Map work Article writing
<b>HALF YEARLY SYLLABUS</b>					
	10%	OCT 16 DAYS	<b>HIS</b> CH 7: Tribal, Nomads and Settled communities <b>GEO</b> CH 7: Human environment interaction – Settlement, Transport and Communication <b>CIV</b> CH 6: Understanding Media	6 5 4	Map work Project work
	10%	NOV 19 DAYS	<b>HIS</b> CH 8: Devotional path to divine <b>GEO</b> CH 8: Human Environment Interaction – Tropical and Sub Tropical Regions <b>CIV</b> CH 7: Understanding Advertising <b>Revision</b>	4 4 3 8	Diagram based project
<b>2<sup>ND</sup> UNIT TEST SYLLABUS</b>					

	10%	DEC 20 DAYS	<b>HIS</b> CH 9: The Making of Regional Culture <b>GEO</b> CH 9: Life in Temperate Grassland <b>CIV</b> CH 8: Market around us CH 9: A shirt in the market	6 5 5 4	Project work Video Role play
	10%	JAN 21 DAYS	<b>HIS</b> CH 10: Eighteenth Century – Political formation of India <b>GEO</b> CH 10: Life in Desert <b>CIV</b> CH 10: Struggle for equality <b>Revision</b>	7 6 5 3	Timeline Concept map Class based activity
		FEB 21	<b>REVISION</b>		
ANNUAL EXAM SYLLABUS					

SIG OF HOD

**ARMY PUBLIC SCHOOL MEERUT CANTT  
SYLLABUS BIFURCATION 2020 - 21  
CLASS VII**

**SUBJECT: COMPUTER**

**BOOKS**

IT PLANET COMPUTER SERIES 7

**PUBLISHER**

PM PUBLISHERS PVT. LTD.

ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTHS & NO OF WORKING DAYS	TOPICS	PERIODS REQUIRED	ACTIVITIES
	08%	APRIL 18 DAYS	Introduction to Artificial Intelligence Ch 1: Computer Software	03 04	Make a list of software loaded on the computer and categories them as system software and application software. To choose some issue like CORONAVIRUS and make a presentation with the help of A.I. Use google docs voice typing to create an article on applications of speech recognition.
	12%	MAY 17 DAYS	Ch 1: Computer Software Ch 2: Number System	03 02	Use <a href="https://www.nationalgeographic.org/interactive/challenge-robots/">https://www.nationalgeographic.org/interactive/challenge-robots/</a> o identify the various aspects of robots. Use an online platform like brainly.com to share your question answers on number system with your classmates.
<b>SYLLABUS 1<sup>ST</sup> UNIT TEST</b>					
	15%	JULY 22 DAYS	Ch 2: Number System	06	To convert Decimal to Binary, Binary to Decimal and Decimal to Hexadecimal number. Use some examples using method of conversion.
	10%	AUG 22 DAYS	Ch 3: Advanced Features in MS Excel	06	Create a database table with the following fields: NAME, PRODUCT, BRAND, RATE, QTY. Perform the following actions. 1. Use Data Form to add three more records. 2. Sort the database in ascending order of rate. 3. Save the workbook and close Excel.
	10%	SEP 25 DAYS	Ch 4: Charts in MS Excel	06	Create a worksheet of sales Analysis record then create a Sparkline, Column and Pie chart.
<b>HALF YEARLY SYLLABUS</b>					
	10%	OCT 16 DAYS	Ch 5: Introduction to HTML Ch 6: More on HTML	04 01	Create a web page with the help of basic HTML elements.
	15%	NOV 19 DAYS	Ch 6: More on HTML Ch 7: Graphics, Links & Tables in HTML	04 01	Design a web page for your school containing the various information of the school like name address, images and link of the school website etc.
<b>2<sup>ND</sup> UNIT TEST SYLLABUS</b>					

	10%	DEC 20 DAYS	Ch 7: Graphics, Links & Tables in HTML Ch 9: Service of Internet	05 02	Build a webpage on artificial intelligence, use graphics for effective representation. Create an interactive article on various applications of internet using Google story speaker.
	10%	JAN 21	Ch 9: Service of Internet Ch 10: Computer Network	01 05	Study your school network and find out whether it is LAN, WAN, MAN or Peer-to-Peer. Collect and Explore the data on computer network. Use an online tool from sites like <a href="https://datavizcatalogue.com">https://datavizcatalogue.com</a> to generate visualization showing the advantages and disadvantages of LAN ,MAN & WAN.
8 <sup>TH</sup> FEB SYLLABUS COMPLITION FOR VII		FEB 21	<b>REVISION</b>	07	
ANNUALEXAM SYLLABUS					

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