

**ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2018 - 19
CLASS X (SCIENCE)**

SUBJECT: SCIENCE

BOOKS

PUBLISHER

SCIENCE TEXTBOOK FOR CLASS X

NCERT

PRACTICAL LAB MANUAL –TOGETHER WITH SCIENCE

RACHNA SAGAR

ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH & NO OF WORKING DAYS	TOPICS	PERIODS REQUIRED	ACTIVITIES
	20%	APRIL 23 DAYS	PHY -ELECTRICITY CHEM -CHEMICAL REACTIONS AND EQUATIONS BIO – LIFE PROCESS- PHOTOSYNTHESIS AND DIGESTIVE SYSTEM,	6 6 12	PRACTICALS C -TO TEST PH OF SAMPLES TO IDENTIFY TYPES OF REACTIONS P -OHM'S LAW VERIFICATION
	10%	MAY 08 DAYS	PHY -ELECTRICITY (CONT.) PHY -MAGNETIC EFFECT OF CURRENT CHEM -ACIDS BASES AND SALTS BIO – LIFE PROCESS- RESPIRATION	5 5 5	B -TO SHOW LIGHT IS NECESSARY FOR PHOTOSYNTHESIS TO SHOW CO ₂ IS RELEASED DURING RESPIRATION
IST UNIT TEST SYLLABUS			TOPICS COVERED FROM APRIL TO MAY		
	20%	JULY 25 DAYS	PHY -MAGNETIC EFFECT OF CURRENT (CONT.) PHY -SOURCES OF ENERGY CHEM -METALS AND NON METALS BIO - TRANSPORTATION IN PLANTS AND ANIMALS CONTROL AND COORDINATION IN HUMAN	10 8 12	C -REACTION OF ACID AND BASES P -TO CALCULATE RESISTANCE B -TO MAKE TEMPORARY MOUNT OF STOMATA
	15%	AUG 20 DAYS	PHY -LIGHT (REFLECTION) CHEM -METALS AND NON METALS (CONT) BIO - CONTROL AND COORDINATION IN PLANTS HOW DO ORGANISMS REPRODUCE?	8 8 12	B - STUDY OF BUDDING AND FISSION IDENTIFY PARTS OF DICOT SEED
	15%	SEP 22 DAYS	PHY -LIGHT (REFRACTION) PHY -REVISION CHEM -REVISION BIO - HOW DO ORGANISMS REPRODUCE (CONT) REVISION	7 7 10	
HALF YEARLY SYLLABUS			TOPICS COVERED FROM APRIL TILL SEPTEMBER		
	10%	OCT 19 DAYS	PHY -LIGHT (REFRACTION CONT.) PHY -HUMAN EYE & COLOURFUL WORLD CHEM - CARBON AND ITS COMPOUNDS BIO -HEREDITY AND EVOLUTION	5 5 15	C -TO STUDY PROPERTIES OF ETHANOIC ACID P - FOCAL LENGTH OF CONCAVE MIRROR B - STUDY OF HOMOLOGOUS AND ANALOGOUS ORGAN
	10%	NOV	PHY -HUMAN EYE & COLOURFUL	4	P -TO FIND FOCAL

		10 DAYS	WORLD PHY -REVISION CHEM- PERIODIC CLASSIFICATION OF ELEMENTS BIO - OUR ENVIRONMENT MANAGEMENT OF NATURAL RESOURCES	04 06	LENGTH OF CONVEX MIRROR
17TH NOV SYLLABUS COMPLITION FOR X AND XII PRE BOARD 1 COMPLETE SYLLABUS SYLLABUS FOR 2ND UT 1ST PRE BOARD FROM 7TH DEC – 19TH DEC 2018			ENTIRE SYLLABUS		
		DEC 18 DAYS	REVISION	6	
		JAN	REVISION		
2ND PRE BOARD FROM 14TH JAN – 21ST JAN 2019			ENTIRE SYLLABUS		

SIG OF HOD

ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2018 - 19
CLASS X

SUBJECT SOCIAL SCIENCE

BOOKS			PUBLISHER		
Contemporary India II, INDIA AND THE CONTEMPORARY WORLD, DEMOCRATIC POLITICS II			NCERT		
Understanding Economic Development			NCERT		
ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH & NO OF WORKING DAYS	TOPICS	PERIODS REQUIRED	ACTIVITIES
UT 1	20%	March+ APRIL 7DAYS + 23 DAYS (16DAYS)	1- Resource and Development (Geo) 1- Development (Eco) 1- Power Sharing (Pol Sc) 2 Federalism (Pol Sc) 2- Nationalist Movement in Indo-China (Hist) Continu....	10 6 4 6 6	Map Flow Chart Source Based Activity
	10%	MAY 08 DAYS (4DAYS)	2- Nationalist Movement in Indo-China (Hist) Continu.... 3- Water resource (Geo) 3- Democracy and Diversity (Pol Sc)	2 4 4	Map Worksheet
IST UNIT TEST SYLLABUS			Topics covered from March to May		
HALF YEARLY	20%	JULY 25 DAYS (14DAYS)	4- Agriculture (Geo) 5- Sectors of Indian Economy (Eco) 3- Nationalism In India (Hist) 4- Gender religion and caste (Pol Sc)	8 6 10 6	Map Diagram Map & Source Based Activity
	15%	AUG 20 DAYS (12DAYS)	4- Mineral (Geo) 5- Energy Resource (Geo) 4- The Making of Global World (Hist) 5- Political Parties (Pol Sc)	10 6 6 8	Map Map Map & passage Based questions Chart
	15%	SEP 22 DAYS (10DAYS)	3- Money and Credit (Eco) Revision (Disaster Management) (Geo) 7- Print Culture & The Modern World (Hist)	6 4 10	Project Reading one novel and writing review
HALF YEARLY SYLLABUS			Topics covered from March to September		
	10%	OCT 19 DAYS (12DAYS)	4- Globalisation (Eco) 5- Consumers Rights (Eco) 7- Outcomes of Democracy (Pol Sc)	6 6 8	Group Discussion PPT Cartoon explanation
	10%	NOV 10 DAYS (6DAYS)	8- Challenges to Democracy (Pol Sc) 6- Lifeline (Geo) Revision of all types questions of the previously taught chapters, MAP WORK, VALUE BASED QUESTIONS, Sample Papers, Text Book Exercises, Content of the chapters	4 6	V B Qs Map
17TH NOV SYLLABUS COMPLITION FOR X AND XII PRE BOARD 1 COMPLETE SYLLABUS 1ST PRE BOARD FROM 7TH DEC – 19TH DEC 2018			Topics covered from March to November		
2ND PRE BOARD FROM 14TH JAN – 21ST JAN 2019		JAN	REVISION		

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**ARMY PUBLIC SCHOOL MEERUT CANTT
SYLLABUS BIFURCATION 2018 - 19
CLASS X**

SUBJECT					
BOOKS			PUBLISHER		
1. NCERT					
2. R.S. AGGARWAL			BHARTI BHAWAN		
ASSESSMENTS	% SYLLABUS TO BE COVERED	MONTH & NO OF WORKING DAYS	TOPICS	PERIODS REQUIRED	ACTIVITIES
	20%	APRIL 23 DAYS	CH 1: REAL NUMBERS CH2: POLYNOMIALS CH3: PAIR OF LINEAR EQUATIONS	30	SOL. OF EQ GRAPHICALLY
	10%	MAY 08 DAYS	CH4: QUADRATIC EQUATIONS CH8: TRIGONOMETRY CH5: A.P.	25	A.P. AND NON A.P.
1ST UNIT TEST SYLLABUS			CH 1: REAL NUMBERS, CH2: POLYNOMIALS, CH3: PAIR OF LINEAR EQUATIONS, CH4: QUADRATIC EQUATIONS, CH8: TRIGONOMETRY		
	20%	JULY 25 DAYS	CH6: TRIANGLES CH7: COORDINATE GEOMETRY CH9: HEIGHT AND DISTANCES	30	B.P.T. BY PAPER CUTTING
	15%	AUG 20 DAYS	CH14: STATISTICS CH-10: CIRCLES CH11: CONSTRUCTIONS	24	OGIVE
	15%	SEP 22 DAYS	CONSTRUCTIONS & REVISION		
HALF YEARLY SYLLABUS			CH6: TRIANGLES, CH7: COORDINATE GEOMETRY, CH9: HEIGHT AND DISTANCES, CH14: STATISTICS, CH-10: CIRCLES CH11: CONSTRUCTIONS		
	10%	OCT 19 DAYS	CH12: AREA RELATED TO CIRCLES	15	
	10%	NOV 10 DAYS	CH15: PROBABILITY CH13: VOLUME AND SURFACE AREA	15	3 D SHAPES
17TH NOV SYLLABUS COMPLETION FOR X AND XII PRE BOARD 1 COMPLETE SYLLABUS SYLLABUS FOR 2ND UT 1ST PRE BOARD FROM 7TH DEC – 19TH DEC 2018			COMPLETE SYLLABUS		
		DEC 1 DAYS	REVISION		
		JAN	REVISION		
2 ND PRE BOARD FROM 14 TH JAN – 21 ST JAN 2019					

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