

ARMY PUBLIC SCHOOL CANTT, KANPUR
SYLLABUS TO BE COVERED IN APRIL & MAY (CLASS-X) SESSION 2020-21

CHAPTER NO.	CHAPTER (MATHS)	TOPICS	MONTH
15	PROBABILITY	<ul style="list-style-type: none"> • TYPES OF probability • FORMULA OF PROBABILITY • $P(E) = \frac{F}{T}$ • Define the certain, impossible probability 	APRIL
13	SURFACE AREA & VOLUME	<ul style="list-style-type: none"> • Surface area of cuboid and cube • Surface area of cylinder • Surface area of cone • Surface area of sphere and hemisphere • Volume Of cube cuboid, cylinder, cone, sphere and hemisphere <ul style="list-style-type: none"> • Area and volume of frustum 	
14	STATISTICS	<ul style="list-style-type: none"> • Mean by direct method • Assumed mean method • STEP DEVIATION METHOD • Mode by formula • Median by formula • Draw ogive 	
8	INTRODUCTION TO TRIGONOMETRY	<ul style="list-style-type: none"> • RATIO OF SIDES OF RIGHT ANGLED TRIANGLE • VALUE OF ANGLE AS 30, 45, 60 90 • COMPLEMENTARY ANGLE • IDENTITIES 	
1	REAL NUMBER	<ul style="list-style-type: none"> • INTRODUCTION 	MAY

		<ul style="list-style-type: none"> • EUCLID'S DIVISION LEMMA • FUNDAMENTAL THEOREM OF ARITHMETIC • REVISITING OF IRRATIONAL NUMBERS • REVISITING OF RATIONAL NUMBERS AND THEIR DECIMAL EXPANSION
2	POLYNOMIAL	<ul style="list-style-type: none"> • INTRODUCTION • GEOMETRICAL MEANING OF ZEROES OF POLYNOMIAL • RELATIONSHIP BETWEEN ZEROES AND THEIR COEFFICIENT OF A POLYNOMIAL • DIVISION ALGORITHM FOR POLYNOMIAL

SUBJECT	SR NO	CHAPTER NO AND NAME	TOPICS TO BE COVERED
SCIENCE	1.	CH 1: CHEMICAL REACTIONS & EQUATIONS	CHEMICAL REACTIONS & EQUATIONS
	2.	CH 2: ACIDS, BASES & SALTS	ACIDS, BASES & SALTS
	3.	CH 6: LIFE PROCESSES	LIFE PROCESSES
	4.	CH 7: CONTROL AND COORDINATION	CONTROL AND COORDINATION
	5.	CH 12: ELECTRICITY	ELECTRICITY
	6.	CH 13: MAGNETIC EFFECTS OF ELECTRIC CURRENT	MAGNETIC EFFECTS OF ELECTRIC CURRENT

SUBJECT	S.NO	CHAPTER NO. & NAME	TOPICS TO BE COVERED
ENGLISH	<u>1.</u>	<u>PROSE</u>	FIRST FLIGHT
		1. A Letter To God	FOOTPRINTS WITHOUT FEET
		2. Long Walk To Freedom	INTEGRATED GRAMMAR
		<u>POETRY</u>	WRITING SKILL
		(i) Dust Of Snow	READING SKILL
		(ii) Fire And Ice	
		(iii) A Tiger In The Zoo 1. A TRIUMPH OF SURGERY *Letter Writing *Reading Comprehension *Analytical paragraph/Report writing *Story Writing *Tenses & Voice *Cloze test/ Editing * Dialogue/Reporting a dialogue	
	<u>2.</u>	<u>PROSE</u>	FIRST FLIGHT
		3. Two Stories About Flying	FOOTPRINTS WITHOUT FEET
	(i) His First Flight	INTEGRATED GRAMMAR	
	(ii) The Black Aeroplane	WRITING SKILL	
	4. From The Diary Of Anne Frank	READING SKILL	
	2. THE THIEF'S STORY		
	*Story Writing		
	*Reading Comprehension		
	* Analytical paragraph/Report writing		
	*Letter writing		
	*Gap filling/Cloze test/Editing		
	* Dialogue/Reporting dialogue		

SUBJECT	SR.NO	CHAPTER NO AND NAME	TOPICS TO BE COVERED
HISTORY	1	1. The Rise of Nationalism in Europe	1. The French Revolution and the Idea of the Nation
			2. The Making of Nationalism in Europe
			3. The Age of Revolutions: 1830-1848
			4. The Making of Germany and Italy
			5. Visualizing the Nation
			6. Nationalism and Imperialism
	2	2.Nationalism in India	1. The First World War, Khilafat and Non - Cooperation
			2. Differing Strands within the Movement
3. Towards Civil Disobedience			
4. The Sense of Collective Belonging			
CIVICS	1	1. Power Sharing	1. Case Studies of Belgium and Sri Lanka
			2. Why power sharing is desirable?
			3. Forms of Power Sharing
	2	2. Federalism	1. What is Federalism?
			2. What make India a Federal Country?
			3. How is Federalism practiced?
GEOGRAPHY	1	1. Resources and Development	1. Types of Resources
			2. Development of Resources
			3. Resource Planning in India
			4. Land Resources
			5. Land Utilization
			6. Land Use Pattern in India
			7. Land Degradation and Conservation Measures
			8. Soil as a Resource
			9. Classification of Soils
			10. Soil Erosion and Soil Conservation
	2	2.Agriculture	1. Types of farming
			2. Cropping Pattern
			3. Major Crops
			4. Technological and Institutional Reforms
ECONOMICS	1	1.Development	1. Meaning

विषय	क्रम	पाठ - नाम	प्रकरण
संस्कृत (शेमुषी)	1	बुद्धिर्बलवती सदा	भाषानुवाद
			अभ्यासकार्य
			पाठान्तर्गतव्याकरणं
	2	व्यायामः सदा पथ्यः	भाषानुवाद
			अभ्यासकार्य
			पाठान्तर्गतव्याकरणं
	3	शिशुलालनम्	भाषानुवाद
			अभ्यासकार्य
			पाठान्तर्गतव्याकरणं
	4	जननी तुल्यवत्सला	भाषानुवाद
			अभ्यासकार्य
			पाठान्तर्गतव्याकरणं
संस्कृत व्याकरण	5	माहेस्वर सूत्रम्	कंठस्थीकरण
			प्रत्याहार निर्माण
	6	अव्यय परिचय	स्थानवाचक, प्रश्नवाचक आदि
	7	समय लेखनम्	घट्टिका दर्शनम्
	8	वाच्यपरिवर्तनम्	कर्मवाच्य
			भाववाच्य
	9	समास	अव्ययीभाव
			तत्पुरुष