

THE AIR FORCE SCHOOL
PT – III SYLLABUS – 2020-21

REVISED

SUBJECT – ENGLISH

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	<u>OBJECTIVE SECTION</u> (a) <u>Reading Skill</u> Unseen Passage (MCQ) (b) <u>Grammar</u> Tenses Determiners Modals Subject – verb concord Reported speech a. Commands and requests b. Statements c. Question (c) <u>Literature</u> (All chapters mentioned under subjective section)	25 Marks	<u>Grammar</u> <ul style="list-style-type: none"> • Use of Passive Voice • Clauses: Noun, Adverb, Relative • Prepositions <u>Literature</u> All Literature topics mentioned under deletions in subjective section
2.	<u>SUBJECTIVE SECTION</u> (a) <u>WRITING SKILL</u> – <ul style="list-style-type: none"> • Letter to the Editor • Letter to an Official • Letter of Enquiry • Letter of Complaint against a Product /Service • Letter Placing Order • Analytical paragraph 	55 Marks	NIL
	(b) <u>Literature</u> <u>First Flight</u> <u>Fiction</u> <ul style="list-style-type: none"> • A Letter to God • Nelson Mandela: Long Walk to Freedom • Two Stories about Flying-(Fiction) <ul style="list-style-type: none"> ➤ His First Flight ➤ Black Aeroplane 		<u>FIRST FLIGHT</u> <ul style="list-style-type: none"> • How to Tell Wild Animals • The Trees • Mijbil the Otter • Fog • For Anne Gregory <u>FOOTPRINTS WITHOUT FEET</u> <ul style="list-style-type: none"> • The Midnight Visitor

	<ul style="list-style-type: none"> • From the Diary of Anne Frank • The Hundred Dresses I & II <ul style="list-style-type: none"> • Glimpses of India– <ul style="list-style-type: none"> ➤ A Baker from Goa ➤ Coorg ➤ Tea from Assam • Madam Rides the Bus • The Sermon at Benares • The Proposal <p><u>POETRY</u></p> <ul style="list-style-type: none"> • Dust of Snow • Fire and Ice • A Tiger in the Zoo • The Ball Poem • Amanda • Animals • The Tale of Custard the Dragon <p><u>FOOTPRINTS WITHOUT FEET</u></p> <ul style="list-style-type: none"> • A Triumph of Surgery • The Thief's Story • Footprints without Feet • The Making of a Scientist • The Necklace • The Hack Driver • Bholi 		<ul style="list-style-type: none"> • A Question of Trust • The Book that Saved the Earth
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SUBJECT – HINDI

S.N.	Name of the Topic	Weightage	Topic which will not be assessed
1.	मुहावरे (बहुविकल्पीय)	03 अंक	अलंकार
2.	वाक्य रचानांतरण (बहुविकल्पीय)	04 अंक	बिहारी के दोहे
3.	पदबंध (बहुविकल्पीय)	04 अंक	मधुर मधुर मेरे दीपक जल
4.	समास (बहुविकल्पीय)	04 अंक	तोप
5.	अपठित गद्यांश (बहुविकल्पीय) (1X5+1X5)	10 अंक	आत्मत्राण
6.	रचनात्मक लेखन—पत्र, सूचना, विज्ञापन, अनुच्छेद, लघु	26 अंक	डायरी का एक पन्ना

	कथा लेखन (विकल्प सहित)		
7.	स्पर्श (गद्य) 1.बड़े भाई साहब 2. ततौरा वामीरो कथा 3. अब कहाँ दूसरे के दुख से दुखी होने वाले 4. झेन की देन 5.कारतूस (2X2+4X2)	12 अंक	तीसरी कसम के शिल्पकार: शैलेन्द
8.	स्पर्श (पद्य) 1.साखी 2. मीरा के पद 3. मनुष्यता 4. पर्वत प्रदेश में पावस 5. कर चले हम फिदा (2X2+3X1+4X1)	11 अंक	गिरगिट
9.	संचयन 1.हरिहर काका 2.सपनों के सेदिन 3.टोपी शुक्ला (विकल्प सहित) (3 अंक X 2 प्रश्न)	06 अंक	गिन्नी का सोना

SUBJECT – MATHS

Unit	Unit Name	Weightage	Topic which will not be assessed
I	Number system Chapter1 –Real Numbers	06 Marks	Euclid's division lemma
II	Algebra Chapter 2-Polynomials Chapter3-Pair of linear equations in two variables Chapter 4-Quadratic Equations Chapter 5-Arithmetic Progressions	20 Marks	Statement and simple problems on division algorithm for polynomials with real coefficients. Cross multiplication method Situational problems based on equations reducible to quadratic equations Application in solving daily life problems based on sum to n terms
III	Coordinate Geometry Chapter 7-Coordinate geometry	06 Marks	Area of a triangle.
IV	Geometry Chapter 6-Triangles	15 Marks	Proof of the following theorems are deleted : 1) The ratio of the areas of two similar triangles is equal to the ratio of the squares of their corresponding sides. 2) In a triangle, if the square on one side is equal to sum of the squares

	Chapter 10- Circles Chapter 11-Constructions		on the other two sides, the angle opposite to the first side is a right angle. No deletion Construction of a triangle similar to a given triangle.
V	Trigonometry Chapter 8-Introduction to Trigonometry Chapter 9-Applications of Trigonometry	12 Marks	1) Motivate the ratios whichever are defined at 0° and 90° 2) Trigonometric ratios of complementary angles. No deletion
VI	Mensuration Chapter 12-Areas Related to Circles Chapter 13- Surface Areas and Volumes	10 Marks	Problems on central angle of 120° Frustum of a cone
VII	Statistics and Probability Chapter 14-Statistics Chapter 15-Probability	11 Marks	1)Step deviation Method for finding the mean 2)Cumulative Frequency graph No deletion

SUBJECT – SCIENCE

PHYSICS

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	UNIT III Chapter 10 Light- Reflection and Refraction Chapter 11 The Human Eye and The	12 Marks	Applications of spherical mirrors and lenses Defects of vision and their correction

	Colourful world		
2.	UNIT IV Chapter 12 : Electricity Chapter 13 : Magnetic effects of current	14 Marks	Electric generator, alternating current, Direct current, domestic electric circuit, frequency of AC, Advantages of AC over DC

CHEMISTRY

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	Chemical reactions and equations	04 Marks	-
2.	Acids, Bases and Salts	07 Marks	-
3.	Metals and Non Metals	05 Marks	Basic Metallurgical process, Corrosion and its prevention
4.	Carbon and Its Compounds	03 Marks	Nomenclature of carbon compounds containing functional groups (halogen, alcohol, ketones, aldehydes, alkanes, alkynes), difference between saturated hydrocarbons and unsaturated hydrocarbons, Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction), Ethanol and ethanoic acid (only properties and uses), soaps and detergents
5.	Periodic Classification of Elements	07 Marks	-

BIOLOGY

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	Chapter 6 - Life Processes	07 Marks	None
2.	Chapter 7 – Control & Coordination	Nil	Complete Chapter
3.	Chapter 8 – How do Organisms Reproduce	05 Marks	None

4.	Chapter 9 - Heredity & Evolution (9.1 to 9.2.4 & 9.3.2 acquired and inherited trait)	08 Marks	9.3 to 9.6.1
5.	Chapter 15 – Our Environment	08 Marks	None
6.	Chapter 16 – Management of Natural Resources	Nil	Complete Chapter

SUBJECT – SOCIAL SCIENCE

HISTORY& POLITICAL SCIENCE

S. No.	Name of the Topic	Weightage	Chapters which will not be assessed
1.	<u>HISTORY</u> Chapter 1- The Rise of Nationalism in Europe	09 Marks	No deletion
2.	<u>HISTORY</u> Chapter 2 – Nationalism in India (As per new book) Chapter 3- Nationalism in India (As per old book) (Mapwork included)	11 Marks	No deletion
	-	-	Chapter – 5 : The Age of Industrialization Chapter – 6: Print Culture and the Modern World
3.	POLITICAL SCIENCE Chapter-1 :Power Sharing	04 Mark	No deletion
4.	POLITICAL SCIENCE Chapter -2 : Federalism	04 Mark	No deletion
5.	POLITICAL SCIENCE Chapter-6 Political Parties	07 Marks	No deletion
6.	POLITICAL SCIENCE Chapter-7 Outcomes of Democracy	05 Marks	No deletion

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GEOGRAPHY & ECONOMICS

S. No.	Name of the Topic	Weightage	Chapters which will not be assessed
1.	GEOGRAPHY Chapter 1- Resource and Development	04 Marks	No deletion
2.	GEOGRAPHY	01 Mark (Map)	Chapter -2 Forest and Wildlife Resources Chapter- 3 Water Resources- Only map work of this chapter is included as per CBSE norms
3.	GEOGRAPHY Chapter 4- Agriculture	05 Marks	No deletion
4.	GEOGRAPHY	01 Mark (Map)	Chapter -5 Minerals and Energy Resources- Only map work of this chapter is included as per CBSE norms
5.	GEOGRAPHY Chapter -6 Manufacturing Industries	04 Marks	No deletion
6.	GEOGRAPHY Chapter-7 – Lifelines of the National Economy	05 Marks	No deletion
7.	ECONOMICS Chapter-1 Development	04 Marks	No deletion
8.	ECONOMICS Chapter 2 Sectors of the Indian Economy	06 Marks	No deletion

9.	ECONOMICS Chapter 3 -Money and Credit	04Marks	No deletion
10.	ECONOMICS Chapter 4 – Globalisation and the Indian economy	06 Marks	No deletion Chapter 5- Consumer Rights Chapter to be assessed only as a project