

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

SUBJECT – ENGLISH

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	Reading Skill- Unseen passage	10 Marks	----
2.	Writing Skill- Diary Entry, Bio- Sketch, Informal letter, Story Writing, Debate writing, Speech writing, Article writing, Notice, Message writing	5 Marks	Letter on a situation, Descriptive Paragraph on a place/event (i.e. Factual description)
3.	Grammar- Editing, Omission, Sentence Reordering, Conjunctions, Verb Forms, Subject-Verb Concord, Determiners, Modals, Articles, Tenses, Reported Speech: Reporting Questions, Statements, Commands and requests.	10 Marks	Use of Passive Voice, Prepositions
4.	Literature: <u>Beehive</u> : The Fun They Had, The Road Not Taken (poem), The Sound of Music (I and II), Wind (poem), The Little Girl, Rain on the Roof (poem), A Truly Beautiful Mind, The Legend of the Northland (poem), My Childhood, No Men Are Foreign (poem), Packing, Reach for the Top (I and II), On Killing a Tree (poem), The Bond of Love. <u>Moments</u> : The Lost Child, The Adventures of Toto, In the Kingdom of Fools, The Happy Prince, Weathering the Storm in Ersama, The Last Leaf.	15 Marks	The Lake Isle of Innisfree, The Snake & The Mirror, The Duck & The Kangaroo, Kathmandu, Ishwaran the Storyteller

SUBJECT – HINDI

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	शब्द – पद (बहुविकल्पीय)	01	स्पर्श गद्य भाग <ul style="list-style-type: none"> • कीचड़ का काव्य • वैज्ञानिक चेतना के वाहक – रमन • शुक्रतारे के समान
2.	विलोम शब्द (बहुविकल्पीय)	02	स्पर्श पद्य भाग <ul style="list-style-type: none"> • गीत – अगीत • आदमीनामा • अग्निपथ • नए इलाक़े में
3.	पर्यायवाची शब्द (बहुविकल्पीय)	02	संचयन <ul style="list-style-type: none"> • कल्लू कुम्हार के ऊनाकोटि • मेरा छोटा से निजी पुस्तकालय
4.	श्रुतिसम भिन्नार्थक शब्द (बहुविकल्पीय)	02	
5.	वाक्य भेद (अर्थ की दृष्टि से) (बहुविकल्पीय)	03	
6.	संवाद लेखन	05	
7.	स्पर्श गद्य भाग <ol style="list-style-type: none"> 1. दुःख का अधिकार (2) 2. एवरेस्ट मेरी शिखर यात्रा (2) 3. तुम कब जाओगे अतिथि (2) 4. धर्म की आड़ (5) 	11	
8.	स्पर्श पद्य भाग <ol style="list-style-type: none"> 1. रैदास के पद (2) 2. रहीम के दोहे (2) 3. एक फूल की चाह (2) 4. खुशबू रचते हैं हाथ (5) 	11	

9.	संचयन (विकल्प सहित) स्मृति हामिद खाँ	03	
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SUBJECT – MATHS

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	UNIT 1 – NUMBER SYSTEM Chapter 1- Real numbers	5 Marks	<input type="checkbox"/> Representation of terminating / non-terminating recurring decimals on the number line through successive magnification. <input type="checkbox"/> Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. Definition of nth root of a real number.
2.	UNIT 2 – ALGEBRA Chapter 2- Polynomials	4 Marks	<input type="checkbox"/> Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. <input type="checkbox"/> $x^3+y^3+z^3-3xyz$
	Chapter 4 – Linear Equation in Two Variables	4 Marks	Examples, problems on Ratio and Proportion
3.	UNIT 3 COORDINATE	3 Marks	No Deletion

	GEOMETRY		
3.	UNIT 4- GEOMETRY Chapter 6 - Lines And Angles	4 Marks	No Deletion
	Chapter 7 - Triangles	4 Marks	<p>□ Proof of the theorem deleted- Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).</p> <p>TopicDeleted-Triangle inequalities and relation between 'angle and facing side' inequalities in triangles</p>
	Chapter 8 - Quadrilaterals	4 Marks	No Deletion
	Chapter 10 - Circles	6 Marks	<p>1. There is one and only one circle passing through three given non-collinear points.</p> <p>2. If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.</p>
	Chapter 11- Constructions	4 Marks	Construction of a triangle of given perimeter and base angles
4.	UNIT 5 – MENSURATION Chapter 12 - Heron's Formula	2 Marks	Application of Heron's Formula in finding the area of a quadrilateral.

SUBJECT – SCIENCE

PHYSICS

S. No	Name of the Topic	Weightage	Topic which will not be assessed
1	Motion	03 Marks	-----
2	Force and Laws of motion	04 Marks	-----
3	Gravitation	06 Marks	Thrust and Pressure. Archimedes' Principle; Buoyancy; Elementary idea of Relative Density.

CHEMISTRY

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	Is matter around us pure ?	6 Marks	Matter in our surroundings
2.	Atoms and molecules till unit 3.4.1 FORMULAE OF SIMPLE COMPOUNDS	7 Marks	

BIOLOGY

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	Chapter 5 – The Fundamental Unit Of Life	4 Marks	Nil
2.	Chapter 6 - Tissues	4 Marks	Nil
3.	Chapter- 7 Diversity in Living Organisms	NIL	Complete Chapter
3.	Chapter 13 - Why Do we Fall ill?	6 Marks	Nil

SUBJECT – SOCIAL SCIENCE

HISTORY & POLITICAL SCIENCE

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	<u>HISTORY</u> Chapter 1- French Revolution	5 Marks	No deletion
2.	<u>HISTORY</u> Chapter 2 – Socialism in Europe and the Russian Revolution (Mapwork included)	6 Marks	No deletion
3.	<u>POLITICAL SCIENCE</u> Chapter-1 What is Democracy? Why Democracy ? As per New Book : (pg 1 to 15) Chapter-2 What is Democracy? Why Democracy? As per Old Book : (pg 22 to 37)	2 Marks	No deletion
4.	<u>POLITICAL SCIENCE</u> Chapter -2: Constitutional Design As per New Book : (pg 21 to 30) Ch-3 Constitutional Design As per Old Book : (pg 43 to 52)	3 Marks	Democratic Constitution in South Africa (Only)
5.	<u>POLITICAL SCIENCE</u> Chapter-3 Electoral Politics As per New Book: (pg 34 to 52) Ch-4 Electoral Politics As per Old Book : (pg 56 to 74)	4 Marks	No deletion

GEOGRAPHY& ECONOMICS

S. No.	Name of the Topic	Weightage	Topic which will not be assessed
1.	Geography Ch- 1 India – Size and Location	1 Mark	-
2.	Ch- 2 Physical Features of India	1 Mark	-
3.	Ch- 3 Drainage – Map work only Major rivers and lakes	1 Mark	Ch- 3 Drainage Deleted by CBSE
4.	Ch- 4 Climate	4 Marks	-
5.	Ch- 5 Natural Vegetation and Wildlife Map work related with chapters	4 Marks	Ch- 6 Population Deleted by CBSE
6.	Economics Ch -1 The story of village Palampur	2 Marks	-
7.	Ch- 2 People as a Resource	2 Marks	-
8.	Ch- 3 Poverty as a Challenge Till Poverty line P- 32	5 Marks	Ch-4 Food Security in India Deleted by CBSE