

PAF COLLEGE LOWER TOPA MURREE

ADMISSION PROSPECTUS CLASS-VIII (2024)

Online Registration starting from 23 October to 04 November, 2023 on PAF Website www.joinpaf.gov.pk



### MISSION

GROOM YOUNG BOYS SO AS TO MAKE THEM LEADERS OF TOMORROW

# VISION

CREATE ENVIRONMENT CONDUCIVE TO PERSONALITY DEVELOPMENT

# VALUES

HUMILITY, SINCERITY, HONESTY AND DIGNITY

# **OBJECTIVE**

TO DEVELOP A BALANCED PERSONALITY WITH ADEQUATE PHYSICAL, INTELLECTUAL, MORAL AND ETHICAL VALUES

# TOPIANS' HONOUR CODE

WE THE PRE-CADETS OF PAF COLLEGE LOWER TOPA, SHALL NEVER LIE, CHEAT OR STEAL,
NOR TOLERATE AMONG US ANYONE WHO DOES SO





# PRINCIPAL'S MESSAGE

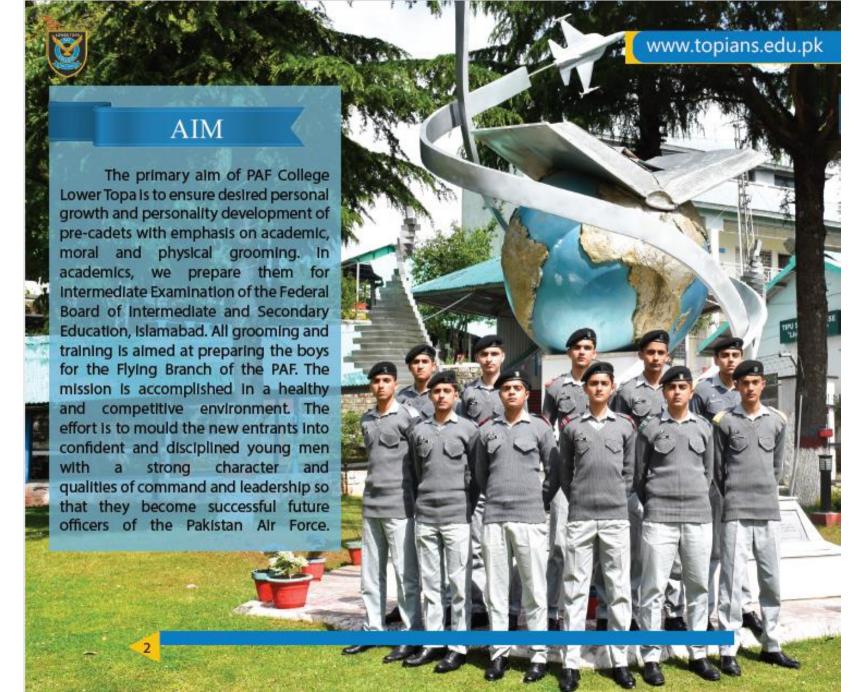
PAF College Lower Topa is not just a name of an institution in the vast educational arena but a legacy, a rich heritage of an

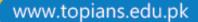
attractive atmosphere. Its old but majestic infrastructure boasts its own unique beauty and historical impact. At this place, all efforts are made to provide an erudite environment to the pre-cadets so that they feel motivated to seek knowledge, develop wholesome personalities and take over the reign of our future. In the overall strategy, here in this college, together with academic quality, untiring efforts are asserted with a focus on grooming the young eaglets into leaders of tomorrow.

To achieve the desired objectives, experienced and dedicated faculty is in place striving 24/7 to instill among Topians the value of Humanity, Sincerity, Honesty and Dignity. All the college personnel from each and every department, as one team, are always in the pursuit to prove second to none.

To translate these aspirations into reality, though seems a formidable task but as a team effort, dedication and by keeping the ultimate aim at forefront, we all are preparing to step into a promising future.

(M KHALID DABIR) Air Vice Marshal (Retd) Principal PAF College Lower Topa







# COLLEGE FACULTY

#### ADMINISTRATION

Principal

Air Vice Marshal M Khalid Dabir, HI(M)

Vice Principal

Gp Capt M Hamayun Kaleem, TI(M)

Head of Studies

Sqn Ldr Syed Junaid Ahmed Bukhari

Head of Training

Sqn Ldr Hafiz Arshad Mehmood

Head of Department (Humanities)

Mr Tariq Anees

Head of Department (Sciences)

Sqn Ldr Farrukh Khan

College Admin Officer

Sgn Ldr Muhammad Adeel

College Psychologist / Counsellor

Sqn Ldr Hafiz Umar Rehman

College Accounts Officer

FIt Lt Adeel Akram

O i/c Progress

Sqn Ldr Sadaf Shahzadi

O i/c Induction

Flg Off Sarwat Nida

#### SCIENCES

#### MATHEMATICS

Sgn Ldr Junaid Ahmad Bukhari

Sqn Ldr Tallat Mehmood

Sqn Ldr Saima Habib

FIt Lt Waqar Hafeez

#### PHYSICS

Sqn Ldr Farrukh Khan

Sqn Ldr Abdul Raheem

Flt Lt Urooj Anwer Butt

#### CHEMISTRY

Sqn Ldr Shamsher Khan

Sqn Ldr Uzma Mehboob

Sqn Ldr Shaista Saeed Gillani

Sqn Ldr Moaz Javed

#### COMPUTER SCIENCE

Sqn Ldr Pir Sabir Ali

Sqn Ldr Muhammad Asif Javed

## **HUMANITIES**

### **ENGLISH**

Sgn Ldr Naveed Ahmad

Sqn Ldr Azmat Hussain

Sqn Ldr Rehan Hassan

Sgn Ldr Hamid Raza

#### URDU

Mr Afzal Jan

Flt Lt Aftab Hussain

Flt Lt Tahir Hussain

#### ISLAMIC STUDIES

Mr Tariq Anees

Sqn Ldr Hafiz Arshad Mehmood

Sqn Ldr Faisal Siddiqui

#### PAKISTAN STUDIES

Mr Shabbir Abbasi

Sgn Ldr Rao Shoaib Ahmed

#### COLLEGE ART INSTRUCTOR

Sqn Ldr Mehmood Ali Zeeshan



# AFFILIATION, CURRICULUM AND ACADEMIC TERMS



The institution is affiliated with Federal Board of Intermediate and Secondary Education (FBISE) Islamabad, which upholds stringent standards in education. The students are prepared for the Secondary School Certificate (SSC) and Higher Secondary School Certificate (HSSC) examinations conducted by the Federal Board of Intermediate and Secondary Education, Islamabad (FBISE). The courses of studies are as follows:

# Secondary School Certificate (SSC)

English, Urdu, Islamiyat, Pakistan Studies, Mathematics, Physics, Chemistry and Computer Science

# Intermediate (HSSC) Pre-engineering

English, Urdu, Islamiyat, Pakistan Studies, Mathematics, Physics and Chemistry Note:- Students who are interested in becoming Aeronautical Engineers, Doctors, Dentists, Meteorologists should NOT apply for a place at the College as it selects candidates specifically to become General Duty Pilots in the officer rank

#### Academic Terms

The College has a two terms system for an academic year.

Term I (Spring Term): February to July

Term II (Fall Term) : Mid July to mid December



Group Captain Hamayun Kaleem Vice Principal PAF College Lower Topa







# SPORTS AND CO-CURRICULAR ACTIVITIES

Sports are vital for physical and mental fitness. We provide a conducive atmosphere for indoor and outdoor games. Almost all major games i.e Football, Basketball, Hockey, Volleyball, Cricket, Badminton, Squash and Table Tennis are played here. Gymnastics, Athletics and Martial Arts are an addition to the games' programme. The College holds Inter-house competitions (Seniors / Juniors both) and also takes part in Inter Schools / Colleges Sports Galas / Competitions organized by the Federal Board and Sports Clubs / Organizations. The College team (Sports) has won major outdoor and indoor games organized by the Federal Board for the last many years. The College Squash and Basketball teams have also represented the Federal Board in the Inter Boards Sports Competitions and won laurels for the Federal Board as well as for the College.









For a balanced personality, co-curricular activities are equally important. Our students participate in Inter-house competitions and also show their abilities at Pakistan level. To inculcate innovative ideas and creative skills in the students, a number of

Hobbies Club activities exist at the College. The list of Hobbies Club activities include Aeromodelling, Science, History, Calligraphy, Geography, Music, Arts, Wood Works, Crafts, English/Urdu Literary, Photography, Dramatics, Computer, Martial Arts and Gymnastics. These are part of our co-curricular activities. Each student participates in a Hobby Club activity of his choice in the afternoons twice in a week. Inter-House Quiz / Declamation Contests are also held in the College to ensure balanced mental growth of the young Topians. House-wise educational Visits / Excursions / Camping and Picnics are also part of our Programme which help the students in their healthy social grooming.













PAF College, Lower Topa is a residential institution. We have no day-only scholars. The students are accommodated in six houses, namely Aurangzeb, Babur, Iqbal, Siraj-ud-Daula, Sir Syed and Tipu Sultan. Each house is under the charge of a Housemaster who is assisted by an Assistant Housemaster and a Physical Training Instructor (PTI). Each house also has a House Captain from amongst the students who is Incharge of various House activities.















The Mess functions under the supervision of a dedicated Mess Manager and the Food Committee. Meals include breakfast, mid-morning snacks, lunch, evening tea, dinner and milk.







# MEDICAL, UNIFORM & ALLIED FACILITIES

The College has a Medical Squadron with doctors and medical staff for providing a round-the-clock medical care. There is a Medical Ward for detention of Pre-cadets. The Medical Squadron also has basic medical services for medical investigation of the students. On admission to CMH in Murree, our students stay in the Officers' Ward. In case a student needs a surgical procedure, all efforts are made to inform his parents / guardians before the operation. However, if there is no time to inform them then the student would be operated upon without any delay. The parents / guardians of the students are required to submit a written permission for emergency surgery.



The Pre-cadets have to be in the prescribed dress, different for different activities. The uniform and selected items are provided to the students by the College, free of cost. Any willful damage to the uniform items is charged to the parents. Use of private dress is permitted on Weekends and while proceeding on book-outs, educational visits, excursions and leave. On initial joining, students are required to be in possession of clothing items as given in the joining instructions. These are needed by the students prior to the issuance of uniform kit items.



Support facilities such as Cafeteria, Barber Shop, Laundry, Cobbler's Shop, Tailor's Shop, Post Box, Bank etc are available within the premises and proximity of the College.





# RULES OF CONDUCT



#### Students are NOT permitted to keep the following:

- . Transistors, video games, mobile phones (smart phones) other gadgets or electrical appliances.
- Unauthorised medicines.
- Money (other than authorized pocket money).
- Valuables like digital camera etc.
- Use of Social Media is prohibited.

## Actions by the students which may result in termination from the College:

- Cheating, lying, stealing and immoral conduct.
- Willfully and deliberately damaging the College property.
- Keeping fire-arms, knives or any weapon.
- . Breaking College bounds.
- Misconduct with faculty or staff.
- . Absence from class or any College activity without proper permission or cause.
- . Smoking.
- In-appropriate behaviour of students' Parents / guardians towards faculty or staff.
- . Being habitually ill-disciplined and untidy.
- Continuously poor performance in academics.
- Non-payment of College dues.
- Breach of any other College rule.

#### Note

The decisions taken by the "Discipline Council" and "Academic Council" in all discipline and academic matters are final subject to approval by Air Headquarters and cannot be challenged.





# DAILY SCHEDULE, TRAINING & CORRESPONDENCE



The daily schedule is drawn up with a view to making optimum utilization of time. It begins with physical exercises in the College Sports Ground, breakfast in the Pre-cadets' Mess followed by morning assembly. There are seven classes a day, except on Friday. In order to enhance the sports hours for the Pre-cadets, alternate Saturday is also observed as Sports Day. In the afternoon, the Pre-cadets go to the hobbies club of their choice and aptitude, followed by the games supervised by the College faculty, PTIs and coaches. In the evening, the boys attend two-hours supervised study in their respective classrooms / Prep Rooms. Thus the daily programme aims to ensure that adequate time is provided for the development of all facets of a student's personality and abilities. As such, equal stress is laid on academic as well as moral, intellectual and physical activities.



#### Bond Liability

Selected students are required to join Pakistan Air Force after completing their training at PAF College Lower Topa. **The Parents** / Guardians of students would be required to furnish a bond to the effect that their son / ward would serve the Flying or any other Branch of Pakistan Air Force.

## Joint Military Education & Training Programme (JMET)

After Matriculation, few Pre-cadets may be sent to Army / Navy Cadet Colleges for two years training under the Joint Military Education and Training Programme and will return to PAF College Lower Topa at the end of this period.

## Visits by Parents / Guardians

The Parents / Guardians may visit their sons / wards on any Sunday during the term. No visits during weekdays are allowed. Parents / Guardians are allowed to meet their sons / wards in the Visitors' Centre only. Snacks and beverages are available on payment at the College Tuck Shop located at the Visitors' Centre or parents / guardians may bring edibles from home except any cooked food. Parents may meet Housemasters / Assistant Housemasters or subject teachers during the visit.

Visitors are not permitted to enter the Houses / Dormitories and Pre-cadets' Mess. The Visitors' Centre is specifically designated to facilitate parents / families to see their wards.





# DAILY SCHEDULE, TRAINING & CORRESPONDENCE



#### Leave

Generally, 08 weeks Winter Break and 02 weeks Summer Break are given to the students. Leave other than these holidays is authorized by the College, only in cases of extreme emergency or compassionate grounds.

#### **Postal Address**

Student's postal address is indicated below:Name of the student......
Entry and College No ..........
Name of the House ..........
PAF College Lower Topa,
Murree Hills

## Correspondence

Parents / Guardians seeking any information regarding their sons / wards must address all correspondence to the Principal through Housemasters.

### College Dues

Students who gain admission to this College pay the following dues:

Rs.15000.00 Security Deposit (refundable)

### **Pocket Money**

The College provides pocket money to the Pre-cadets Rs.1000.00 each per month for Classes 8th, 9th & 10th and Rs.1200.00 each per month for 1st year & 2nd year. No additional money is to be given or sent by Parents / Guardians except travel expenses, which are to be deposited with the Housemasters.







# Library

The College has a well-equipped library manned by a trained librarian and other staff. In addition, a small library has been established in each "House" to help the students develop the habit of reading. Modern educational aids like Multimedia Projector, e-laiberary are available.





# Language Lab

To provide the students ample exposure to spoken English, the College has established two well equipped Language Labs. The boys are exposed to a variety of well-chosen language programmes and given enough opportunity to polish their spoken expression under the guidance of trained teachers.



# Computer Lab

In order to keep pace with the technological advancement, especially with the boom in information technology, the College has two modern Computer Labs equipped with latest computers.





# Scholarships

Topians' Foundation offers two full five years scholarships to the selected students on need basis.





# ADMISSION PROCESS



Admission to the College is made in class VIII every year subject to conditions given below:

# **Eligibility Criteria**

(a) Age

Not under 11 years 6 months and not over 13 years 6 months of age on 1st January, 2024.

(b) Qualification

The candidate must have passed class VII at the time of admission (April, 2024). Candidates studying in Cambridge system can also apply.

(c) Citizenship

Should be a male citizen of Pakistan or Azad Jammu & Kashmir.

#### Selection Procedure

The Selection process consists of the following three phases.

Phase-I Intelligence Test, Academic Test, Preliminary Medical & Initial Interview

Phase-II Board Interview

Phase-III Final Medical Examination



# ADMISSION PROCESS



# Phase-I Intelligence Test, Academic Test, Preliminary Medical & Initial Interview

The eligible Candidates are required to appear for the following tests at PAF Information & Selection Centers (PAF I & SCs).

## Intelligence Test

At first, candidates are required to appear in the Intelligence Test. This will be E-Test (Electronic Test) to be attempted by the candidates on computers. This determines the IQ of a candidate.

#### Academic Test

Candidates qualifying the Intelligence Test are required to appear for Academic Test (E-Test). Academic Test comprises four subjects i.e. Maths, General Science, English & Urdu

## Syllabi for Academic Test

The syllabi for the Academic Test is given at the subsequent pages in the Prospectus. The test is a competitive examination, therefore, the syllabi given in the Prospectus is meant only for the general guidance of the candidate. By and large, the questions in the test papers are based on the syllabi in vogue in various Textbook Boards in Pakistan.

Note: Sample Question Papers of Intelligence Test and Academic Test are attached at the end of Prospectus.

#### **Preliminary Medical**

Candidates qualifying the Academic test will undergo preliminary medical test. This test takes place at PAF Information & Selection Centres, observing the basic medical standards for Flying Branch of Pakistan Air Force. The candidate should be free from deformities of hands, feet, spine and chest. The visual and hearing systems should be in perfect condition. Moreover, the candidate should not be affected by skin and dental diseases. The Torso Height should fall between the laid down upper and lower limits for the Flying Branch. There should be no squint, defective vision and colour blindness.

#### Note:

The candidate must have 6/6 eye sight / vision without glasses. **Candidates, who wear glasses, should not apply.**Opinion of PAF Medical Officer conducting the test is final. No appeal in this regard is admissible.







#### Initial Interview

Candidates qualifying the preliminary medical test will be required to appear in Initial Interview to evaluate the candidate personality in general.

#### Phase-II Board Interview

The successful candidates in Phase-I are to appear for the Board Interview. The candidate is asked questions about the basic general / subject knowledge. The Board evaluates the candidate's personality, character traits, comprehension, expression, emotional stability and confidence.

#### Phase-III Final Medical Examination

Candidates selected in Board Interview are called for the Final Medical Test at Islamabad, Lahore / Sargodha and Karachi. Medical Board examines selected candidates thoroughly according to the requirements of Flying Branch. The decision of **Medical Board** is **Final** and no appeal against the decision is entertained.

#### Final Selection

Candidates who qualify the Final Medical Examination are included in the merit list for the final selection. The call up letter along with joining instructions are sent to the successful candidates only.

FINAL SELECTION IS MADE STRICTLY BY FOLLOWING ORDER OF MERIT, MERIT ONLY.







#### **Examination Centres**

Intelligence Test, Academic Test, Preliminary Medical Test, Initial Interview, Final Board Interview and Final Medical Examination will be held at the centres mentioned in the table below:

Intelligence Test Academic Test Preliminary Medical & Initial Interview at PAF I & SCs	Board Interview at PAF I & SCs	Final Medical		
Quetta	Quetta			
Karachi		PAF Hospital Faisal, Karachi		
Hyderabad	Karachi			
Sukkur				
Rawalpindi				
Muzaffarabad	Rawalpindi	PAF Hospital Islamabad		
Gilgit	Nawaipinai			
Mianwali				
Peshawar				
Abbottabad	Peshawar			
D I Khan				
Lahore	Lahore	PAF Hospital Lahore / Sargodha		
Multan	Multan			
Faisalabad	Faisalabad			



# RETENTION AT PAF COLLEGE LOWER TOPA

#### ELIGIBILITY CRITERIA FOR RETENTION AT PAF COLLEGE LOWER TOPA

#### Medical Examination

- (a) Students are required to undergo an annual medical examination by the College Medical Officer during the five years stay at PAF College, Lower Topa. Medically unfit students are discharged / withdrawn.
- (b) Medical Examination by CMB is held after ISSB.

#### Matric

After completion of Matric, only those boys who obtain First Division (Grade A+, A & B) are allowed to continue further studies up to FSc.

After FSc (First Division holders) only those students who qualify ISSB and are declared medically fit by CMB, are eligible to join PAF Academy Asghar Khan, Risalpur. Since PAF invest substantial resources and money on the training and grooming of Pre-cadets for five years, therefore, first chance of ISSB is mandatory for Pre-cadets to be taken exclusively for GD (P), however the 2nd chance is open to be attempted for sister services (Army, Navy). The ISSB results of last 19 years reveal that majority of the Pre-cadets joined PAF Academy Asghar Khan, Risalpur.





# SYLLABI FOR THE ACADEMIC TEST

The Candidate is to appear in Academic test of four subjects (English, Urdu , Maths, General Science) after qualifying the Intelligence test.

#### ENGLISH

(Syllabus includes below-mentioned topics / areas)

- Questions from English Language Textbooks of 7th Class / Grade.
- (b) Applied Grammar: Multiple Choice Questions covering different aspects of Grammar, for example, singular and plural, masculine / feminine, correction of spellings, tenses, the use of tenses and the sequence of tenses, fill in the blanks with articles, prepositions, adjectives, adverbs, regular / irregular verbs, modal verbs, infinitives, vocabulary, sentence correction, parts of speech, punctuation and direct & indirect narration, kinds of pronouns, active / passive voice, words meaning, synonym / antonym, idioms / proverbs etc.

أردوكانصاب

(مندرجه ذیل عنوانات پرچه مین شامل بین)

- (۱) زبان وبیان پرتهبیی سوالات
- (۲) محاورات اضرب الامثال امر كبات كا درست استعال
  - (٣) جنو س/جهلوس بفظوں کی درتنگی
- (٣) نذكر،مونث/الفاظ،معنى/واحد،جمع اسابق،لاحق/ مترادف،متضاد/اعراب
  - (۵) اسم ، فعل اور حرف كى شناخت
- (۲) گرائمر( قواعدِ زبان) اُردوکے قومی نصاب میں سے ساتویں جماعت تک کے اسباق میں سے سوالات



# SYLLABI FOR THE ACADEMIC TEST

MATH	S		ه ال			ران الشرار ا
(Belov	v mentioned topics / areas	may be included in paper)	باتنال کیے جاتھے ہیں)	إرچه	صاب (مندرجهذيل عنوانات	رياس
(a)	Sets	(b) Rational, Whole Numbers	باعدا دبكمل اعداد	**b.		
(c)	Decimals	(d) Exponents	)اعداد، ش اعداد	96		ا_ عيد
(e)	Square Root	(f) Ratio and Proportion	li.	تور	راعشارىي ١٧-	سا_ سم
(g)	Algebra	(h) Percentage, Profit, Loss	ت اور تناسب	تبد	٠,	۵۔ جذر
(j)	Geometry	(k) Information handling	ه ا	الجيرا	ر انفع ، تقصان ۸ _	۷۔ نیر
(l)	Linear Equation	(m) Measurements	مات داري ا	معا	ينرى ١٠.	
(n) Operations on directed numbers		-				
GENE	RAL SCIENCE		<u>0</u>	<u>_</u>	، درجی مساواتیں ۱۲۔ س	-
(Belov	v mentioned topics / areas	may be included in paper)			بت کرده نمبر پرآ پریشن	۱۳۰ جا:
(a)	Human, Plants Organ Sys		بالمار كرية اسكة الماركة	ه ه	الكانسان (من به ناع جنانا -	دول برائن
(b)	Transport in Human and	جزل سائنس كانصاب (مندرجه ذیل عنوانات پرچه میں شامل کیے جاسکتے ہیں)				
(C)	· •		انسانوں اور پودوں میں ترسیل	_r	بياني يودون كراعضاء كانظام	ii _1
(d) Environment and Feeding Relationships						
	(e) Water, Light, Air		ماحول اورغذا كاباجهي تعلق	_1	دوں میں عمل تو لید	<u>,</u> _m
(f) Structure of an Atom		ایٹم کی ساخت	4	ن ،روشن ، ہوا	L _0	
	(g) Physical and Chemical Changes & Processes		- 1			*
(h)	Matter and Its Properties	i	ماوه اوراس کی خاصیتیں	_^	وشنى كاانتشار	, _4
(j)	Some Common Gases Force, Work and machine	ne.	قوت، کام اور مشینیں	_1+	وازاورآ وازكي موجيس	ī _9
(k) (l)	Transmission of Heat	5	- 1	_,,	والراورا والري سوسين	-1
(m)	Dispersion of Light		طبعی اور کیمیائی تبدیلیاں اورطریقے	_11	تقال حرارت	1 _11
(n)	Sound and Sound Waves	•	h C (20)		ب رگید .	
(p)	Circuits, electric Current	and Magnetism	سركش اليكثرك كرنث اورمقناطيسيت	۱۳	ندعام کیسیں	۳۱- پ
(q)	Atmospheric Pressure	_	زمین،خلاءاوربح	_17	واكاوباؤ	4 _10
(r).	Earth, Space and Oceans		,			



# **GENERAL ACTIVITIES**











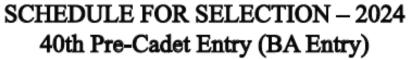












SUBJECT	DATE	
Online Registration Starts PAF Induction Website: www.joinpaf.gov.pk	23 October, 2023	
Last Date for Registration	04 November, 2023	
Entrance Test (Intelligence Test, Academic Test (E-Testing)) Preliminary Medical & Initial Interview at PAF I & SCs	06 November, 2023 to 17 November, 2023	
Board Interview	wef 30 November, 2023	
Final Medical Examination	wef 11 December, 2023	
Final Selection	End Mar, 2024	
Issue of Joining Instructions	01 April, 2024	
Reporting date of selected candidates at the College (tentatively)	15 April, 2024	

# For queries please contact on following Phone Nos:

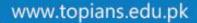
Phone No: 051-9547111 / 9547015 - 051-3752088

Fax No: 051-3752087

# www.topians.edu.pk

Serial No # .....





# **PAF College Lower Topa**

is a residential institution run on classical public school lines. The aim is to impart quality education as well as to provide a healthy environment that would help produce confident, disciplined and courageous young men possessing a strong character and qualities of Command and Leadership. In order to make a round personality of the young students, an all-out effort is made to instil in them a passion of selfless service towards the nation with a sense of pride, motivation and dedication.



For Further Information please contact us

Pakistan Air Force College Lower Topa

Tel: 051-9547015 / 9547111

Fax: 051-3752087

