



PROSPECTUS

CADET COLLEGE PANO AQIL



**In the Name of ALLAH, The Most Gracious, The Most Merciful**





### Comfortable Expenses

Less fee structure as compared to other cadet colleges.



### Experienced Faculty

We have a well-qualified and experienced faculty (uniform and civilian), with prime focus to achieve preset educational goals.



### Excellence in Education

Quality education synchronized with the latest teaching/learning techniques and student-centered methodologies.



### Boarding and Lodging Facilities

Comfortable, well-furnished and home like hostel facilities.



### Character Building Education

Special emphasis on character development of students through Innovative Cadets' Personality Development Program (ICDPD)



### Sports and Recreational Facilities

All kinds of sports and recreational facilities (Football, Basketball, Cricket, Volleyball, Hockey, swimming, billiards, table tennis and horse riding) for the development of mental and physical growth of students.



### Broader Horizon

Inland visits, interaction with senior leadership and regularly scheduled guest speaker lectures by renowned scholars.



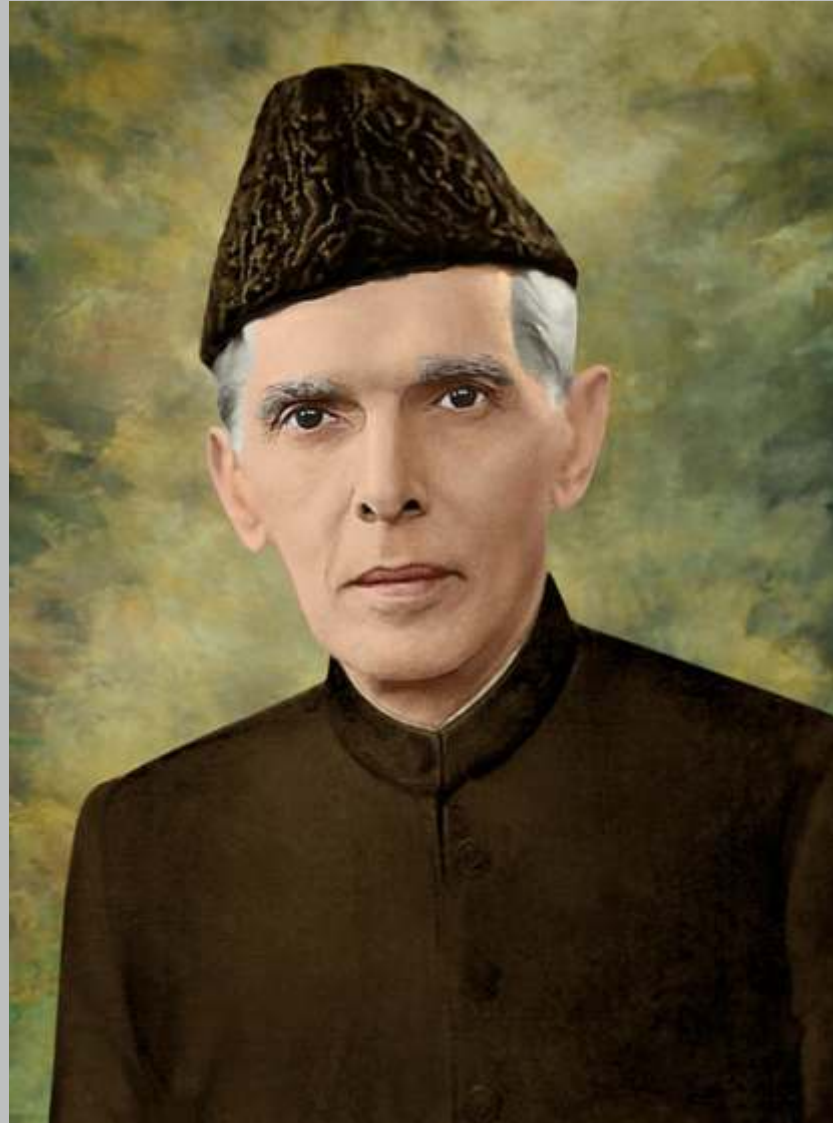
### Healthy Environment

Pollution free, healthy, safe and secure environment. Best AQI of the region.



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## THE QUAID SAID

There is no doubt the future of our state will and must greatly depend upon the type of education we give to our children and the way in which we bring them up as future citizens of Pakistan. Education does not merely mean academic education. There is immediate and urgent need for giving scientific and technical education to our people in order to build up our future economic life and to see that our people take to science, commerce, trade and particularly well-planned industries. We should not forget that we have to compete with the world which is moving very fast in this direction.

At the same time we have to build up the character of our future generation. We should try, by sound education, to instill into them the highest sense of honor, integrity, responsibility and selfless service to the nation. We have to see that they are fully qualified and equipped to play their part in the various branches of national life in a manner which will do honor to Pakistan.

*Message to All Pakistan Education Conference  
27th November 1947*

## LOCATION

Cadet College Pano Aqil is located at a distance of 15km from N5 interchange Pano Aqil and 22 km from Sukkur on National Highway towards Rahim Yar Khan. The Pano Aqil Cantonment is at 08 km distance from the College.



**We Are Here**



## OUR VISION

Cadet College Pano Aqil pledges to emerge as one of the best boarding colleges of the country. It resolves to ensure not only the provision of quality education to the youth, but also wholesome development of all facets of their personality viz: physical, intellectual, social and moral.

## OUR MISSION

Preparing balanced, competent and productive citizens, who should possess positive mind-set and leadership attributes.



# GOVERNING BODY



**CHAIRMAN BoGs**  
**MAJOR GENERAL SHEHRYAR QURESHI**  
**GOC 16 DIVISION PANO AQIL CANTONMENT**

## MEMBERS (OFFICIAL)

Name	Designation	Rank Profile
Major General Shehryar Qureshi	General Officer Commanding 16 Division	Chairman
Brigadier Jamil Ahmed	Commander 16 Division Artillery Brigade	Member
Brigadier Ghulam Raza, SI(M) (Retd)	Principal CC Larkana	Guest Member
Brigadier Saqib Rasheed Ahmad Khan (Retd)	Principal CC Pano Aqil	Member
Lieutenant Colonel Dr. Muhammad Arfat Anwer	GSO-1 (Cadet Colleges)	Member
Secretary College Education Deptt, Govt of Sindh		Member
Secretary Finance Department, Govt of Sindh		Member
Chairman, BISE Sukkur		Member
Deputy Commissioner Sukkur		Member
Regional Director of Colleges Sukkur		Member

## MEMBERS (NON- OFFICIAL)

Name	Designation
Syed Khursheed Ahmed Shah	Member National Assembly Sukkur
Dr. Shazia Sobia Aslam Soomro	Member National Assembly Pano Aqil
Jam Ikramullah Khan Dharejo	Member Provincial Assembly Pano Aqil
Syed Nasir Hussain Shah	Member Provincial Assembly Rohri
Agha Noor Mohammad Pathan	Chief Coordinator, Indus Cottage Liberties Network Ministry of Local Govt, Sindh)
Prof. Dr. Asif Ahmed Shaikh	Vice Chancellor, Sukkur IBA University Sukkur



## THE PRIME MOVERS



**Principal / Project Director  
Brigadier Saqib Rasheed Ahmad Khan (Retd)**



**Director of Studies  
Syed Shafqat Hussain Shah**



**Adjutant  
Captain Muhammad Pervaiz**



**Controller of Examinations  
Fayaz Hussain Bhatti**

# COURSES OF STUDY



## VII

- ENGLISH
- ISLAMIAT
- MATHEMATICS
- G: SCIENCE
- S: STUDY
- COMPUTER SCIENCE
- URDU (MT/NMT)
- SINDHI (MT/NMT)
- SPOKEN ENGLISH CLASSES

## VIII

- ENGLISH
- ISLAMIAT
- MATHEMATICS
- G: SCIENCE
- S: STUDY
- COMPUTER SCIENCE
- URDU (MT/NMT)
- SINDHI (MT/NMT)
- SPOKEN ENGLISH CLASSES

## IX

- ENGLISH
- CHEMISTRY
- PHYSICS
- MATHEMATICS
- ISLAMIAT
- COMPUTER/ BIOLOGY
- SINDHI/URDU
- SPOKEN ENGLISH CLASSES

## X

- ENGLISH
- PHYSICS
- CHEMISTRY
- MATHEMATICS
- PAKISTAN STUDIES
- BIOLOGY/ COMPUTER
- ASAN SINDHI/ ASAN URDU
- SPOKEN ENGLISH CLASSES

## XI

- ENGLISH
- ISLAMIAT
- CHEMISTRY/COMP:
- PHYSICS
- MATHEMATICS/ BIOLOGY
- GULZAR URDU/ SALEES URDU
- SPOKEN ENGLISH CLASSES

## XII

- ENGLISH
- CHEMISTRY/COMP:
- PHYSICS
- PAKISTAN STUDIES
- MATHEMATICS/ BIOLOGY
- GULZAR URDU/ SINDHI
- SPOKEN ENGLISH CLASSES



# PERSONALITY GROOMING REGIME

Cadet College Pano Aqil focuses on wholesome personality development of Cadets, with a carefully planned programme. It encompasses physical fitness, intellectual soundness, social correctness and moral uprightness, enunciated as under:-

## Physical Fitness

- Balanced Diet
- Physical Training (PT)
- Sports and Swimming
- Adventure Training

## Social Correctness

- Clean living habits
- Citizenship skills
- Inter-personal skills
- Patriotism



## Intellectual Soundness

- Concept Building in academic subjects, particularly Science subjects
- Communication Skills (Special emphasis on English as International Language)
- Computer Skills
- Use of Modern Technology
- General Awareness
- Habit of Self-Learning

## Moral Uprightness

- Abiding by the Commandments of ALLAH and His Prophet (PBUH)
- Correct world-view
- Imbibing strong moral values
- Sense of sacrifice



# INFRASTRUCTURE

## Main Block

The main building consists of two blocks, viz academic block and admin block. The spacious diamond shaped double storey building houses all the administrative offices in addition to classrooms, laboratories of physics, chemistry and biology, fully equipped language lab, staff room, lecture hall and college library.



**Administration & Academic Block**



**Language Lab**



**Science Lab**



**Air-Conditioned Classrooms**



**Library**



# HOSTELS THE SHAHEEN'S NESTS

The College has a system of one junior and four senior houses, which runs under the supervision of experienced and motivated housemasters, who are responsible for continuous formal and informal education of cadets round the clock. The houses are spacious where 2 to 5 cadets are accommodated in a single room. Inter-house competitions fill colours to the life of cadets, fostering a spirit of energy and enthusiasm among them, throughout the year. Each house is named after renowned national figure, viz. Jinnah House, Iqbal House, Zulfiqar Ali Bhutto House, Latif House and Bedil Bekas House.



# INFRASTRUCTURE/FACILITIES



**THE COLLEGE ENTRANCE**



**AUDITORIUM**



**HYGIENIC AND STANDARD MESS KITCHEN**



**CADET MESS**



**CADETS ENJOYING BAR B Q NIGHT AT QASIM PARK**



**CONDUCTING PERSONAL GROOMING PROGRAMME OF CLASS XII**



**OFFICES AREA**



**NEAT AND HYGIENIC BARBER SHOP**



**UNIFORM AND KIT ITEMS SHOP**



# INFRASTRUCTURE/FACILITIES



**WEEKLY GROOMING SESSIONS  
BY COLLEGE ADJUTANT**



**ROUND THE CLOCK ALERT SECURITY STAFF**



**AIR CONDITIONED MOSQUE**



**COLLEGE CAFÉ FROM INSIDE**



**EXTERNAL VIEW OF COLLEGE CAFE**



**FULLY EQUIPPED COLLEGE DISPENSARY**



**STATIONARY AND GENERAL STORE**



**FRUIT AND JUICE SHOP IN AQIL'S ARCADE**



**CADETS ENJOYING THEIR BREAK TIME**

# SPORTS FACILITIES





## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- Up-Country Tour of Senior Class
- Iqbal Day
- Independence Day
- Defence Day
- Seerat-un-Nabi Conference
- Camp Fire
- Excursion / Educational Trips
- Gala Night
- Marathon Race
- Annual Parents' Day
- Cadet Investiture Ceremony
- Farewell to Outgoing Batch
- Inter House PT Competition
- Inter House Cross Country Competition
- Inter House Drill Competition
- Inter House Islamic History Quiz Competition
- Inter House Hifz-e-Iqbal & Quiz Competition
- Inter House Debate Competition
- Inter House Sports Competition
- Inter House Athletics Competition



**CADETS AT  
SHAH FAISAL MOSQUE  
(Islamabad)**



**FACULTY AND CADETS  
OBSERVING INDEPENDENCE DAY  
IN RECENTLY ESTABLISHED  
COLLEGE AUDITORIUM**



**PRINCIPAL CCPA,  
COL SAADATULLAH (R)  
DISTRIBUTING AWARDS  
DURING INDEPENDENCE DAY**



**CADETS OF CLASS XII  
DURING VISIT OF  
IBA UNIVERSITY SUKKUR**

# ISSB PREPARATION

The College lays special emphasis on training the cadets to join armed forces in particular and other services in general. During their training they pass through certain activities of command tasks, obstacles, group discussion, interviews, motivational lectures by psychiatrists and army personnel.





# DAILY ROUTINE

S.No:	Activities	Timing	Dress Code	
1	Morning Call /Reveille	0520	Shalwar Kameez,Sweater & Sleepers	
2.	Fajr Prayer	0540-0555		
3.	Fall in / Marching	0555-0605	PT Dress	
4.	P.T	0605-0640		
5.	Fresh up	0640-0720		
6.	Breakfast	0720-0745		
7.	Marching	074 -0800		
8.	Morning Assembly (Class Morning Assembly)	0080-0815		
9.	First Period	0815-0855		
10.	Second Period	0855-0935		
11.	Third Period	0935-1015		
12.	Fourth Period (VIII, IX & X) Cafeteria	1015-1055		
13.	Fifth Period (XI & XII) Cafeteria	055-1135		
14.	Sixth Period	1135-1215		
15.	Seventh Period	1215-1255		
16.	Eighth Period	1255-1330		
17.	Marching	1330-1350		
18.	Lunch	1350-1410		
19.	Dress Changing and marching	1410-1430		
20.	Zuhr Prayer	1430-1445		HMs to ensure proper studies
21.	Rest	1445-1600		
22.	1st Prep	1600-1700	Track Suit	
23.	Marching	1700-1705		
24.	Asar Prayer	1705-1715		
25.	Marching and fall in	171 -1725		
26.	Sports/Prep	1725-181		
27.	Maghrib Prayer	Subject to sunset		
28.	Cafeteria/Recreation/T.V/ Free Time	1850-1950		Hair Cutting as per Schedule
29.	Dinner	1950-2010	Walking Out Trousers, Shirt, Tie, Black Shoes with Black Socks	
30.	Isha Prayer	2015-2035		
31.	Marching	2035-2050		
32.	2nd Prep	20 0-2210		
33.	Night Muster	2210-2220		
34.	Lights Off	2230	Sleeping Dress	

**Note:**

- Morning Assembly is observed inside classes from 1st August to 30th September due to humid weather.
- All activities/ routine on Saturday & Sunday are optional for cadets with compulsory classes and Mess timings.
- Lights off Weekend (Saturday Night) = 2300 Hours.
- On Friday there are six periods & Jumma Prayer at 1330 hrs.
- All prayers are compulsory during weekend / free routine.



## COLLEGE RULES AND REGULATIONS

- Upon admission in the college, each cadet and his parents / guardians will automatically bind themselves to abide by the college rules / regulations and order (Written or verbal) in vogue or issued from time to time. Penalties for infringement shall be at the sole discretion of the Principal. These shall not be questioned. Requests for admission are accepted on the implicit understanding that the conditions are acceptable to the applicants and their parents / guardians.

## MISCELLANEOUS INFORMATION

- ACCIDENT / MISHAPS:- All possible measures for the safeguarding of all the cadets during their stay at the College campus are taken. However, the college shall not be held responsible for any kind of accidents/ mishaps causing any physical harm, injury or death.

## JOURNEY TO COLLEGE / HOME

- Cadets will not be allowed to travel back home alone, unless permitted by parents.
- Out of the College gate the child is the sole responsibility of parents while going on weekends / breaks / holidays.

## CADETS DRESS CODE

- Closed Collar: Grey trousers, white shirt, college necktie, black socks & oxford pattern/Lace-up shoes (blazer during winters).
- Classroom Hours: Khaki uniform (with jarsi during winters).
- House Hours: Walking out/ Mufti (with blazer during winters).
- Prayers Time: White Shalwar Qameez (with waist coat during winters).
- PT/ Sports Time: Track suit and joggars (with upper during winters).



## LEAVE/ WEEKENDS

- Leave other than the holidays authorized by the college will not be granted except in very exceptional circumstances of genuine nature. No leave will be granted for attending a wedding, except that of blood relations.
- For every term there will be a fixed number of weekends when cadets may be allowed to visit their homes. (General rules for leave for entire college is 4 days after every 45 days of study at college, less initial two months – the time when parents/guardians will not be allowed to visit or meet their 'wards.)
- Parents / Guardians are required to forward the following information to the House Masters regarding their sons / wards at the beginning of each term:
  - v Where they would like their sons / wards to spend their weekend at home with relatives or with friends.
  - v The name and address, Phone No. or the relative / friend with whom the cadet will spend his weekend.

**NOTE:** THE CADETS OVERSTAYING WITHOUT VALID REASON AT THE END OF WEEKEND OR HOLIDAYS SHALL BE FINED AND PUNISHED AS DECIDED BY COLLEGE AUTHORITIES.



# ADMISSION POLICY

Minimum requirements for physical fitness for class VII and VIII of the candidates are:

- Height 4' 10" (and NOT over 5' 8")
- Weight 34 Kg (maximum)
- Chest (Unexpanded) 25"
- Vision Test S.T.DI-Both eyes 6 / 6

(From a distance of 20 feet) S.T.DII-One eye 6/ and other 6/12 correctable with glasses.

- Joints: There must be free and perfect motion of all joints. (The feet and toes to be well-formed)
- Knocking knee is an "UNFIT" case.
- Complete FLAT-FOOT is medically unfit.
- Permanent deformity of any part of the body is an unfit case.

Note: -

- The age of Boy should be between 11 to 13 and 12 to 14 years on 1st April 2025.
- The College's Medical Board's decision about medical fitness shall be treated as final and shall not be challenged in any court of law.

# FEE STRUCTURE

## ONE TIME PAYMENT

a. Prospectus	:	.....	2600/-
b. Admission Fee	:	.....	25,000/-
c. Uniform/Kit Items	:	.....	42,200/-
d. Security Deposit	:	.....	7,000/-

## COMPOSITE PAYMENT

a. Tuition Fee	:	.....	173,934/-	Per annum (Rs-14,494/- per month)
b. Messing	:	.....	123,000/-	Per annum (Rs-10,250/- per month)

## UTILITY CHARGES

a. Books, Copies & Stationery	:	.....	22,000/-	Per annum
b. Dhobi & barber	:	.....	30,750/-	Per annum
c. Maintenance Fund	:	.....	20,650/-	Per annum
d. Electricity & Generator Fuel	:	.....	22,000/-	Per annum

- Security deposit will not be refunded to the students leaving college before completion of FSC.
- For new admissions of Class VII, VIII, IX & XI fee will be charged for whole year. For rest of the years, fee will be charged in 2x installments.
- Fee, once deposited, will NOT be returned/refunded in any case.



## ADMISSION QUOTA



AREA Quota in % Seats

Sukkur Division 45%

Larkana Division 15%

Hyderabad & Khairpur Divisions 10%

Karachi Division 05%

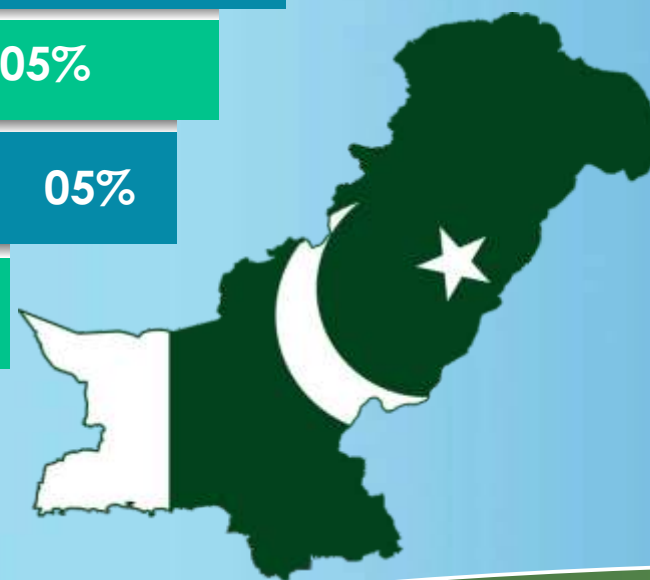
Other Provinces 05%

Sons of armed Forces Personnel 05%

Sons of armed Forces of Shuhada and ISD Distt: Suk 05%

Self Finance 10%

(Domicile Sindh)





## GENERAL INSTRUCTIONS

### PARENTS' VISIT TO THE COLLEGE

The cadets joining this institution would, naturally take some time to adjust themselves to the new atmosphere of the college.

The shorter the visits of the parents the better the boys will adjust themselves to the new environment. It will, therefore, be in the interest of the boys as well as the college that the parents do not meet for initial 2 months. Later, they must restrict their visits to the minimum unless it is unavoidable. Cadets are strictly prohibited to invite their relatives/guests.

### SCHOOL LEAVING CERTIFICATE

The boys seeking admission in this College are expected to stay in the institution till they appear at the final stage (HSSC Part-II) exam. Therefore, the boys asking for School Leaving Certificate before completion of their F.Sc, shall have to pay fee of Rs 5000/=.

### ADMISSION CLASS XI

Admission / promotion to Class XI (HSSC Part-I) of the boys already studying in Cadet College Pano Aqil shall be subject to securing 50% marks in class X.

### WITHDRAWAL/TERMINATION

A cadet can be withdrawn from the College owing to his poor performance in studies as per details below:

- CLASS VII:- If he is unable to get 45% marks in the terminal or Annual Examination.
- CLASS VIII:- If he is unable to get 45% marks in the terminal or Annual Examination.
- CLASS IX To XI:- In case of preliminary examination of Class IX and the Board Exam of Class XI & XII cadet's failure even in one subject may result in his withdrawal.



## DISCIPLINE

A cadet may be expelled from the college on any of the following grounds:

- Cheating, lying, stealing, gambling, immoral conduct, willfully and deliberately damaging the college property.
- Keeping fire-arms, knives of large size.
- Breaking bounds, rudeness to staff and senior cadets or rude behaviour of cadet's parents.
- Absenting from the class and any other college activities without proper cause.
- Being habitually un-punctual, untidy and slovenly.
- Smoking or use of narcotics in any form, consist poor performance in academic.
- Use of unfair means in tests / examination, even assisting others in it or found guilty of any act of indiscipline / misconduct.

**NOTE:-** All cases of misconduct / indiscipline or poor academic progress will be recommended by the College Discipline Committee.

THE DECISION TAKEN BY THE PRINCIPAL IN DISCIPLINARY CASES IS FINAL AND SHALL NOT BE CHALLENGED IN ANY COURT OF LAW.



## MESS MENU

Day	Breakfast	Lunch	Dinner
Monday	Egg Qeema, Paratha Tea	Channa Pulao, Raita	Chicken Piece, Dall mash, Chapati
Tuesday	Dall Mong Paratha Tea	Chicken Haleem, Naan, Fruit	Egg Fried Rice, Manchorine
Wednesday	Chicken Channa, Paratha Tea	Potato Mutton Curry, Chapati, Salad	Shami Kabab, Dall Channa Curry, Chapati
Thursday	Egg Qeema, Paratha Tea	Nehari Chapati Fruit	Potato Pulao, Raita
Friday	Bread, Jam, Butter, Tea	Chicken Biryani, Raita, Salad	Seasonal mix vegetable, Chapati, Sweet
Saturday	Potato Cutlet, Paratha Tea	White Karhai, Chapati, Fruit	Daal Rice, Custard
Sunday	Chicken Achari Handi, Naan, Paratha, Sweet		Potato, Mattar, Chapati, Potato Cutlet



**CLASS: VIII**

**SAMPLE PAPER**  
**SUBJECT: ENGLISH**

**NOTE: ATTEMPT ALL QUESTIONS.**

- Q. 1 Write a paragraph on any one of the following:-  
(a) My favourite personality (b) The happiest day of my life
- Q. 2 Write an application to the Principal for fee concession.

**OR**

Write a letter of thanks to your brother for sending you bicycle as a gift!

- Q. 3 Answer the following questions:-  
(a) What does a girl guide do?  
(b) What is the motto of a boy scout?  
(c) What is water pollution?  
(d) What is Ziarat famous for?  
(e) Where is Khyber pass?

- Q. 4
- (a) Write synonyms of the following:-  
(1) Thoughtful (2) Recreation (3) Conqueror (4) Tunnel (5) Inspire
- (b) Write antonyms of the following:-  
(1) Sweet (2) Fear (3) Useful (4) Wise (5) Superior
- (c) Write forms of the following verbs:-  
(1) Speak (2) Tell (3) Cut (4) Forget (5) Weep
- (d) Write down the correct spelling of the following words.  
(1) Defination (2) Childran (3) Pleazant (4) Rubish (5) Dengarous

- Q. 5 Do as Directed:
- (1) They went to the school. (Change into negative)  
(2) We cross the road. (Change into future continuous tense)  
(3) He does not breaks law. (Correct it)  
(4) Ahmed cleans his room. (Change the voice)  
(5) Students are good \_\_\_\_\_ English. (Put suitable preposition)

- Q. 6 Translate the following sentences into English:-

اسان کي پنج وقت نماز پڙهڻ گهرجي.  
چا اوهان غريبن کي لتي نه رهيا آهيو؟  
بار باغ ۾ کيڏي رهيا آهن.  
هو چا کائي رهيو آهي؟  
مان متان آڄ اسڪول نه وڃان.

1. همیں پنج وقت نماز پڑھنی چاہئے۔  
2. کیا آپ غریبوں کو لوٹ نہیں رہے؟  
3. سچے باغ میں کھیل رہے ہیں۔  
4. وہ کیا کھا رہا ہے؟  
5. میں شاید آج اسکوول نہیں جاؤں۔

**SAMPLE PAPER**  
**SUBJECT: MATHEMATICS**

**CLASS: VIII**

NOTE:-

**ATTEMPT ALL QUESTIONS. Max: Marks: 50**

Q. 1 If  $A = \{a, b, c, d\}$  and  $B = \{b, c, d\}$ . Then, Verify:  $A \cap B = B \cap A$ .

تعمیر:  $A = \{a, b, c, d\}$  اور  $B = \{b, c, d\}$  ہے۔  $A \cap B = B \cap A$  ثابت کریں۔

Q. 2 Simplify:

i)  $(-2) + (-3)$

ii)  $4 - (-6)$

iii)  $(-5) \times 3$

iv)  $(-20) \div (-4)$

Q. 3 Verify that:

$2 \times (1 + 2) = 2 \times 1 + 2 \times 2$

Find square root.

Q. 4

i)  $\sqrt{225}$

ii)  $\sqrt{144}$

Q. 5

Solve.

i)  $2x + 3x$

ii)  $5xy - 3xy$

Q. 6

Simplify.

ii)  $16 : 24$

Q. 7

If price of one pen is Rs: 9. What will be price of three pens?

i)  $32 : 18$

Q. 8

What is line?

Q. 9

Fill in the blanks:

i)  $2 \times 3 + 0 = \underline{\hspace{2cm}}$

ii)  $A \cup B = \underline{\hspace{2cm}}$

iii) The sum of angles of a triangle =  $\underline{\hspace{2cm}}$

iv)  $\underline{\hspace{2cm}}$  is use to indicate a Proportion.

v)  $\pi = \underline{\hspace{2cm}}$

50 مارکوں

iv)  $(-20) \div (-4)$

iii)  $(-5) \times 3$

ii)  $\sqrt{225}$

ii)  $5xy - 3xy$

ii)  $16 : 24$

i)  $2 \times 3 + 0 = \underline{\hspace{2cm}}$

ii)  $A \cup B = \underline{\hspace{2cm}}$

iii) The sum of angles of a triangle =  $\underline{\hspace{2cm}}$

iv)  $\underline{\hspace{2cm}}$  is use to indicate a Proportion.

v)  $\pi = \underline{\hspace{2cm}}$

(0, 6)

$(A \cap B, B \cap A)$

(90, 180)

(3, 4)

$(\frac{22}{7}, \frac{7}{22})$

تعداد سوالات حل کریں

جبکہ  $A \cap B = B \cap A$  ثابت کریں۔  $A = \{a, b, c, d\}$  اور  $B = \{b, c, d\}$  ہے۔

ii)  $4 - (-6)$

i)  $(-2) + (-3)$

$2 \times (1 + 2) = 2 \times 1 + 2 \times 2$

ii)  $\sqrt{144}$

i)  $2x + 3x$

i)  $32 : 18$

جبکہ  $2 \times (1 + 2) = 2 \times 1 + 2 \times 2$  ثابت کریں۔

لنک تشریحی تعریف کریں

خالی پریں

(0, 6)

$(A \cap B, B \cap A)$

(90, 180)

$(\frac{22}{7}, \frac{7}{22})$

نوٹ:

سوال نمبر 1

سوال نمبر 2

سوال نمبر 3

سوال نمبر 4

سوال نمبر 5

سوال نمبر 6

سوال نمبر 7

سوال نمبر 8

سوال نمبر 9

نوٹ

سوال نمبر 1

سوال نمبر 2

سوال نمبر 3

سوال نمبر 4

سوال نمبر 5

سوال نمبر 6

سوال نمبر 7

سوال نمبر 8

سوال نمبر 9



**CLASS: VIII**

**SAMPLE PAPER**  
**SUBJECT: G: SCIENCE**

**NOTE** ATTEMPT ANY SIX QUESTIONS.

**MARKS: 50**

- نوٹ: ھینین مان کي بہ چھ سوال حل کریو۔  
نوٹ: کوئی بھی چھ سوالات حل کریں۔
- Q.1 What is cell? Define the unicellular and multicellular organisms.  
سوال 1 جیوگھرڑو چا آھی؟ ھک ۽ گھٹن جیوگھرڑن وارن جاندارن جي باري ۾ وضاحت کریو۔  
سوال 1 غلیہ کیا ہے؟ ایک خلوی اور کثیر خلوی والے جانداروں کی وضاحت کریں۔
- Q.2 Write a short note on “structure of the heart”.  
سوال 2 دل جي بناوت تي مختصر نوٹ لکو۔  
سوال 2 دل کی بناوٹ پر مختصر نوٹ لکھیں۔
- Q.3 What is digestion? Define the process of digestion in human being.  
سوال 3 ھاضمو چا آھی؟ انسان ۾ ھاضمي جو عمل بیان کریو۔  
سوال نمبر 3 عمل انھضام کیا ہے؟ انسان میں انھضام کے عمل کو بیان کریں۔
- Q.4 What is matter? Define the states of matter.  
سوال 4 مادو چا آھی؟ ۽ مادي جون حالتون بیان کریو۔  
سوال 4 مادہ کیا ہے؟ مادے کی حالتیں بیان کریں۔
- Q.5 Define the following terms (Any two).  
a. Element b. Compound c. Mixture  
سوال 5 ھینین مان کن بہ پن جي وضاحت کریو۔  
1. عنصر 2. مرکب 3. ملاوت  
سوال 5 مندرجہ ذیل میں سے کسی بھی دو کی وضاحت کریں۔ 1. عنصر 2. مرکب 3. آمیزش
- Q.6 What is nutrition? Define the kinds of food.  
سوال 6 غذائیت چا آھی؟ ۽ کاڈي جا قسم بیان کریو  
سوال 6 غذائیت کیا ہے؟ کھانے کے اقسام بیان کریں۔
- Q.7 What is machine? Give an example.  
سوال 7 مشین چا آھی؟ کو بہ مثال ڈیو۔  
سوال 7 مشین کیا ہے؟ کوئی بھی مثال دیں۔
- Q.8 Write note on thermometer.  
سوال 8 تھرمامیٹر تي نوٹ لکو؟  
سوال 8 تھرمامیٹر پر نوٹ لکھیں؟
- Q.9 Define light and write its sources  
سوال 9: روشني کي بيان کریو ۽ ان جا ذریعا لکو۔  
سوال 9 روشنی کو بیان کریں اور اس کے ذرائع لکھیں۔



# CADET COLLEGE PANO AQIL



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