PPSC Lecturer Mathematics Interview Questions

Zero, geometry , log , trigonometric inki defines wghera

Probability uski range

Newton raphson method numerical methods etc

What is convex function??

Point of intersection of three or more lines is called??

Point of concurrency of altitudes of triangles is called??

Who was Pythagoras??

What was his era??

Introduce yourself

Job

Distinction

Pay

Spline theory

Newtonian polynomial

Lagrange polynomial

Application of shapes

One english sentence

Theory of quadratic equations

Difference between Trigonometry and Geometry?

Define Maths

Define zero

Point of concurrency of altitudes of triangles is called?

Intro, About quadratic equations, importance of zero, pythagoras or ucki contribution, branches of math, algebra ki definition, arithmetic,bisection method, newton polynomial, evaluation of your own interview

Bezier curve,Berstein polynomial ,diagonal matrix,identity matrix binomial theorem, binomial series ,zero, existence of Allah by mathematics, Pythagoras, evaluation of your own interview

Existence of Allah by mathematics

Zero number k bary mein pocha k iSKo define krain

Vectors kya hoty hn

Pythagoras theorem iski application daily life mei KS ne isy bnaya tha or ks sudi mein Aya

Branches of mathematics

Explain branches of mathematics

Spline

Polynomial

Dot product

Cross product

Scalar triple product

Unit vector ki direction

Scales triple product mein phly vectors ko q solve krty hn

Roots of polynomial

Smooth Wise curve

Application of limits in real life

Define GOD in mathematics.

What is log function?

What is an exponential function?

Define math.

Define abstract.

Your education.

What is meant by research.

Difference between search and research.

Your father's occupation.

Your master degree.

What is Cayley's theorem?

What is symmetric group

Chairman:

What is logarithm

Write b^n. What are b and n called.

What is 10^3

Introduce yourself in english

Have you studied chemistry? Define element, matter. Mathematics. Mathematics branch that deals with shapes.

Who is pythagoras?

What was his contribution?

What is pythagoras theorem

What are altitude,base, hypotenuse of right triangle(spelling of hypotenuse, pronunciation)

Few(3) basic urdu to english sentences

(Like "me ne aslam ko ye kitab di" , its passive also)

Then to subject specialist:

What have you prepared

(I said group and topology)

Chairman (sb topology prepare krk aye hen.ye topology he kia)

Then again subject specialist:

Identical equations, conditional equation

What were your optional subject(i said number theory,group theory)

He said number theory purana subject he,drmyan me iska use khtm hogya tha,ab phir se important hogaya hai why?

Also what are recent developments about prime numbers

What do we call topology of power set

Second subject specialist:

What have you prepared (i said topology,grp theory)

What is supremum of set

What is bounded function

What is completeness property of real numbers

(I think there were few more questions that I don't remember at the moment)

Chairman: evaluate your interview

Define maths?

5 r 6 branches of math?

Which branches of math deal with shapes, structures and numbers?

What is theta?

What is sine?

How many sides are triangles?

Name of sides of a triangle?

What is log?

What is geometry?

What is exponential fn?

What is b^n?

What is sine theta?

What is the relationship b/w sides of a triangle?

Cyclic group

Generator

Is the cyclic group abelian?

Is its converse true?

Give counter example

Statement of Lagrange theorem

What is its converse?

Converse holds?

Give counter example

Under what condition set of matrices form a group under multiplication?

Can matrices of different order form a group?

Sylow p group

Semi group

Binary operation

Second name of binary operation?

Amjad Salimi

1. Introduce yourself in 15 seconds

(It took 45 seconds to me)

2. You took 45 seconds, you have wasted my 30 seconds. You should learn time management (I apologized for it)

3. You belong to Taunsa Sharif, there is a famous shrine, what's the name (I answered Shah Sulaiman Taunaavi)

4. Why is he famous? (I answered he is sufi)

5. Define Sufi

6. What are the qualities of a sufi?

7. What is an element?

8.What is an atomic number?

9. What is a plane?

10. What is the line?

11. What is the degree of a line?

12. What is space?

13. Draw plane on the paper in front of you

Amjad Saleemi Sahb

Intro in 15 seconds.

As i am from mianwali, he asked wo structure jo pani ka upar bana howa hai uska batao.

Chamsa barrage kska under ata hai?

Barrage vs Headworks?

Fission vs Fusion

Hydrogen bomb ban raha ya nahi chasma ma?

Salimi Sahab

Introduce yourself in 15 seconds
taunsa me konse tribes hain
taunse me konse ranges hain
Highest peak in koh suleman
other mountain ranges
how much berrages are there in pakistan name tell me names
basic purpose of barrage
how many head works
difference between barrage and headworks
can we produce electricity
What is the fault in Geology? Types of faults

Salimi Sahab

Introduce yourself in 15sec
What is arch
One point arch
Two point arch
Segmented arch
Gothic arc
What is dome
Why are arches provided?
Why arches are not provided now a
days

Salimi Sahab
1.Intrdoduce in 15 seconds
2.Define Theodolite and what are its uses?
3.In which year theodolite was invented?
4.In which country theodolite was invented?
5. What is unique about the element which distinguishes it from atoms or molecules?
6. Electronic configuration, name of shells, formula for number of electrons

7.Proton number?

8. Item can exist independently or not? all details of basic chemistry

9.Arches, types, 1-point, 3-point, segmented arch, Gothic

Amjad Salimi

Sources of water

Runoff

Photosynthesis and its sources

Glaciers

Ice and snow

Blackice

Root wedging

Erosion and its sources

Difference between lime and (koi or rock thi,jo phli bar suni thi)

Salimi Sahab

Intro in 15 secs

Element

Atomic mass

Atomic number

Electronic configuration

Periodic table

Inert gases and why it is inert

Chairman :

Introduction

What is math

Define geometry

Translate into English

1)Kya wo school gya

2)wo school jti ha

3)usny muje kitab di(iska passive bi bnao)

Subject specialist :

Your favorite subject (me group theory)

*what is convergent

*difference between conditional convergent and absolutely convergent

*state lagrange theorem

2nd member of subject specialist

*difference between groupoid, semigroup and group

*{1,2,3......100} tell me under addition group or not

*definite de Morgan law

*under which condition matrices form group tell both addition and multiplication

*difference between discrete metric in topology and metric.

At the end

Chairman evaluate your interview out of 10

Define Zero

trigonometry

define algebra

what is algebraic structure

geometry

study of arithmetic

branches of mathematics

pay of lecturer

Why we study topology

meaning of topology

derived set

Def of abstract algebra

what are the conditions to apply Rolle's Theorem

Geometrical interpretation of Rolls thm

what is conic section

Diff b/w Riemann sum and

Stieltjes

Quotient Ring

any software which you have use in M.sc

why we use matlab

3,4, commands of matlab

Chemistry k sawal pochay element substance ki defination atomic number

atomic mass

Integral equations

Initial value boundary value

Lines slope

groups k axioms

Os ny English ka pocha kia wo school gaya

Hypergeometric function
Quotient ring
Synthetic division
Factor theorem
Pakistan ki land ks type ki h
Dual space
Linear functional
 Math... Logarithm... Quotient space... Legendre polynomial... Rolle's and mean value theorem... Nonlinear de example... In circle.. Odd function... Logic...
 Yar grp k bary mn thy...axioms n uniqueness waghera se related...
Laplase and Fourier transform ... Quotient ring n Quotient space... Tensor ....
Gk mein
Satah Murtafa potohar se related
Introduce yourself ...
Studies of structure
Geometry
What is math
Question by Chairman
1. What is maths...
2. Define Algebra...
4. What is 2 pie r
5. Define circumference of circle
6. How we can find the depth of river
7. Translate into english.. kia wo aj school gaya

Then by Male subject specialist

8. What is LC equation
9. Describe legendre equation
10. What is the distance formula between two points...
11. If the distance of two points can be found easily by distance formula.. then why we use metric space
12. What is quotient group

Then move to 2nd subj specialist

13. Define even and odd function..

14. What is function
15. Relationship of function and relation ...
16. To which sets we consider elements of domain
17. What is cartesian product
18. Vertical line test
19. What is real valued function
20. Define mapping

Next move to chairman ...
Evaluate your interview... how was it ???

Are you satisfied that you did well in the interview??
1st chairman told me all my history himself

Subject specialist
Increasing decreasing function,mapping
How function can be mapping
Sequence
Quadratic equations
Roots of quadratic equation
Why a is not zero in quadratic equation
Prove $x^0=1$
Topology
Subspace topology

Chairman
Spell AXIOM
interview questions today
Why are you better than others?
Are you a role model for students then how?
How can we improve the education system?
research n search m difference
kia hum research main compete krtay hen america or europe se...
best mathematician of pakistan nowadays?
govt k baray main kia khyal he apka?
kia apka research work ka agay koi use he?

subject specialist

increasing and decreasing function

quadrantal angle

co finite topology

sides of angle kia hon gi

angle ki measurement kitnay tareeqay se ki jati he

strong topology

topology

Identity and equation

Increasing decreasing function

Roll theorem

Continuity

Function and relation

Define group

Fundamental law of trigonometry

Cofinite topology

Role model kun ha??

Education system kaisy behtar krna ha

What is the natural number and real number ...

Define closure property in R ...

What is additive inverse ...

Define identity in R ...

Your favourite subjects ...

Define co-finite topology with example ....

Define complete definition of identity in Group ...

What is the meaning of "for all" ...

..

Your opinion about highest marks in Fsc nowadays ...

Teachers Academy Ku perhaty he , Apk mutabiq academy best adara he students k liye , apni opinion dijiye ...

How to motivate the students ...

Opinion about semester system or annual system , which is best and why ...

Kiya 8 ya 9 month kafi hota he complete sllybus krwany k liye Fsc ko , apni opinion dijiye ...

How to teach the students , what me you apply to teach and in courage the students ....

Kiya students ko kitabein perhana kafi hota he life me ....

Apko kis cheez se motivation mili thi

Chairman:

Name wagera us ny khud e btaya...

University ka b...

Neighbourshood

Kuch topology k name btao...

Cofinite Topology

Increasing Seq

Decreasing Seq

Power set of {a,b,c}

Empty set k proper set kitny hoty hain?

Triangle k kitny elements hoty hain...

Done

No GK question..

Chairman: 1-Agr apko lecturer ya PSP mei kuch select krna pry tou kya select karen gy?

2- Ap Einstein ya Archimedes jesa kam krny k liye kya tariqa apnaen gy

3- Aik achy teachers ki kya qualities hoti hen

1st Subject specialist:

1: What is relative extrema?

2: What is D.E? ODE and PDE?

3: What is Chain Rule?

4- Define Cauchy Sequence.

5: Every convergent is cauchy? What about converse?

6- Define Banach and Normed Space?

7- What is Topology?

8- What is cofinite Topology?

2nd Specialist:

1- He gave me a page where this was written:

X={1,2,3}

Tau={Φ, {1}, {2}, {1,2}, X}

A={2,3}

Find closure and interior of A. Nbd of 1 and 2.

2- If I define discrete topology. What will be the condition that it will be a cofinite topology?

1. Your msc in 2013 explain your seven year gap in one minute.

2. Why you choose lecturer job after doing phd.

3. Why are you doing phd.

4. What is black hole.

5. Compact stars and gravitational collapse.

6. Difference between special relativity and general relativity.

7. Define equivalence principle..

8. Best mathematician according to you and explain why ?.

9. Cauchy rieman equations

10. Difference between continuity and uniform continuity.

11. Lipschitz function and relation between uniform and chitz function.
12. Relation between continuity and uniform continuity.
13. Topology and compact topology.
14. First picture of black hole and its name.
15. Explain gravitational collapse in one line.
16. There any fields which dominate mathematics.
17. Every mathematician is a physicist or vice versa...is it correct ??.
18. Some more questions related to my research and msc math..
Define
connected space
Relative space
 binary operation
Uniary operation
uniform continuous function
What is difference between continuous and uniform continuous
Define bases in topology
Define banach space
Define neighbourhood

Give example which is normal but not T4

What is maths

What is algebra

Black hole

Space

Pythagoras his contribution

Depth of river nile

Green's theorem

Line integral

Double integral

Pressure

Force

Stress

Topology in simple words

Topology with axioms

Usual topology

Base of usual topology

Open set

{1,1/2,1/3,...} is it open or closed

First of all chairman took detailed information regarding my Hometown and university then he asked me to define mathematics and then define algbra

Then subject specialists

Male subject specialist:

What is eigen vector? Give its real life application

Difference between pressure and stress?

Radius of giration?

What is meant by derivative? Real life application

What is differential equation? Real life application

Define 1st order DE.

Define degree and order of differential equation.

Give any numerical method to solve differential equation.

What is newton raphson method? What is special in this method?

If sin sqaure x=5 what will be value of x?

If I write "lim x approaches to 5 (x square) =25" is it enough? Or is it write to say so?

Female subject specialist:

"Lim x approaches to zero {sin(1/x)} = ?"

What are asymptotes?

How many types of asymptotes are there? Name them

Methods to find asymptotes?

Find Asymptotes of $y=(x-2)^2$

At the end chairman asked me to evaluate my interview

Meaning of my name.

Define math.

Difference between abstract Hain linear algebra.

Define time.

İnterpret $E=mc^2$

Asked about teaching experience, pay etc.

Male teacher:

Define eugene value.

Geometrical interpretation of eigenvector.

what is derivative.

Use of differential equations in real life.

PHR do equations likhvai or unka no. Of solutions, find krny ko kaha.

Find value of x in $\cos x=2$.

Female:

Define field.example of finite field.

Ek set dia uspy topology define krny ko kaha.

Discrete and Indiscrete topology.

Weaker and stronger topology.

$\{1,1/2,1/3,.....\}$ İs this closed under any topology.

Define poles.

Units of rings.

Units of whole no.s.

Condition for inconsistency of system of equations.

[3:04 AM, 12/7/2020] +92 303 7728892: 1.Khanewal ko khanewal q kehty hai?

2.Phy aur math k diff

3.Ap math mai asy hi agye ya passion tha?

4.Top physicists of Pakistan ever

5. Education department in punjab?

6. Recruitment kis department kylie hu rahi hai?

7. Hum apko q tarji dain English mai batye?

8.Dr. abdus salam top physicists q hai?

9. Ap school mai kiya parha rahy hai?

10. Albert Einstein kon tha uski contribution?

11.Education minister of punjab?

 Subject specialist..

Slope of x axis

Slope of y axis

XI equation type (not bessel)

Teaching method?

School mai konsa best hai?

Graph daikh k continuity or differentiable graph k bata sakty hai?

Integral ki geometric interpretation

Double integral ki..

At the end the chairman asked me apka ye ppsc ka pehla interview hai i say yes.

Ok good luck , i said thank you..

Sisko fluid?

Which differential eq in sisko model?

Relationship between hpm and perturbation method.

Relationship between Newtonian and non Newtonian fluid?

Application of group?

Why is the set of integers not complete?

Bessel equation?

Coset?

Lagrange's theorem?

Example ?

[12:27 AM, 12/8/2020] +92 303 7728892: Chairman shb ne jaty hi khud intro prh k sunaya....kia umeed he aj k liye...

agr ap select ho jaty hn to aagy ka kia socha hoa k kia krna...

nh select to kia krn gy..tyri kesi he....maine kaha apni trf se best kr k aye hn sir...khty I really appreciate your confidence Chln Dr shb pochin sir se....

Subject specialists: Algebra kia he .... calculus kia he.... analytic geometry kia he eska or calculus ka relation kia hota.... derivative Integration ki physical significance....

Green fun?

Laplace equ?

,d l hospital rule kia he, q use hota,

 indeterminate form kia he....

zero cross infinity ko zero q nh lkhty q k zero kisi b nmbr se multiply ho k usy zero kr deta he....bchn ko kese satisfy krn gy....

fundamental th of calculus....

N thank you Allah Hafiz

Chairman.

Bhakkar se aye hen, 3.29 cgpa Hai apka.

Kia farq laga Bhakkar aur Multan men.

Kitna developed Hy Multan Bhakkar se mathematically.

Subject specialist

Green function ka Nam suna hai?

Kia hum d.e ko integral equation men convert kar sakty.

Lagrange's theorem

Subgroups of C4.

What is a ring.

Difference between ring and field.

2nd subject specialist

Space curve vs plane curve

Some other questions I do not remember.

Chairman :

1. Danish Mumtaz ? (i say yes sir)

2. Danish apny msc kha sy ki?

(i replied sir i did bs)

3. Danish sb ap ye btaye apne bs kha sy kia?

(i say , bzu multan)

4. Completion year of bs?

5. Apny bs kia msc ni .q?

6. Danish sb ap ye bta dy k ap teaching field me q ana chahty aur math me hi q aye medicl field me q ni gay?

(i say k teaching peghmbro ka pesha rha,ba izat pesha he)

Chairman sb khty danish mjy kch khud sy btao k ap q krna chahty ye books sy rati ratai   baten ni sunani mjy

.kch aisa btao k hm apko rkhy

(i say , sir teaching hmary khoon me shamil he

Hmary family k mostly log teaching me he.)

Khty ye hue na bat.

Then move îst subject specialist

Danish apny abi concept ki bat ki to me b concept puchnga.to the cncpt btana mjy
1. Concavity kia he.types
2. Agr aik bcha ques solve kr rha rational function me limit put krny sy 0/0 form ati he to ap usy ksy solve krogy.
3. Kisi set k limit point sy kia murad he?
Just cncpt not defined.
4. Increasing / decreasing function kia hta.?

2nd subject.
1. Vector kia he?
2. 2 vector parallel or perpendicular kb hngy?
3. Inner product kia hta.?
4. Agr 3 points ik hi line me hn mean colinear hn.collinear k liye kia critearia ? (ye mjy ni aya)

Then back to chairman
Danish agr hm apko select krly to ap kia kry gy jis sy pak progres kryga.
Agr ap select ni hue tb kia krogy.

That's all interview.
Jis angle sy mjy bithaya gya mean jo room me siting planing thi mjy lgta wo just confidence+body language dkh rhy thy.
Totally interview urdu me tha.
Yad rhy daily panel change hta.
Ik main bat int
Acha tu btye k ISP main Msc par kitna pesa laga dia
Kia lagaya gia pesa kam aaya
Define in English lecture ki qualities kia honi chaye
What is meant by facilitator
Subject specialist
What is transportation
Order of S3
Order of elements of S3
Double integral kun use krte Hain
Subject specialist 2
Derivative global property hey ya local

Same for integration local or global

Boundary value problem ko solve krne k bad konsi equation miltni hey hamen

Local maxima and global maxima

Double integral kese find krte

Chairman

Downfall of education system

Pop of Punjab

Total death today in Pakistan due to covid

Literacy rate in Pakistan

Kia waqey hi Pakistan main itne padhe likhe log Hain jitna btaya jata hey thanks you you may leave

 Ap k name ka meaning

2. Ap University of agriculture Q gy

Then subject specialist

1.relation between Cartesian spherical and cylindrical coordinate

2 union of two subspace is subspace or not example

Kon sa subject prepar KR k aye hn

3 permutations Kia hoti hn

4 even permutations Kia hoti hn

5 products. Of even and odd permutations

6 order of S3

7 what is partitions

Next subject specialist

Aur Kia prepare Kia

I said topology

1. Bsc ki class main first day Kia btaye gy topology Kia hoti ha

2 set py topology kesy define ho gi

3.open set

4 close set

Again chairman

We are students of F.a.

Give us lecture on mathematics

2x-5=0

2x-5=5

Does the solution exist or not?

2.any method to solve nonlinear equations?

3.cosx=180
value of x?
4 relative extremas and method to compute
and there were more that i don't remember now

firstly, chairman took my introduction, he asked def. of element and electronic configuration, he discussed my name in which surah and meaning, I also recited 5 ayahs of Surah Alaq (as my name is Iqra)
he also discussed my hostel life
and then i evaluated my interview
Chairman :
Name
Domicile
Acha to ap as ESE work kar chuky hain ...
Phr Ap Educator select hoy
Special Education Department
Kia is ki recruitment PPSC s hoi the ...
Phr maily Math degree/ Special Education / my responsibilities s related ...

1st Member:
Koi ODE k concept s start kia ...
Main n kaha Group Theory and Real Analysis prepare kia ha ...
Cayley Theorem
Order of element and its inverse
Abelian Group
Last one Function s related tha ...

2nd member:
Kia graph s pta laga sakty hain ....
Ambiguous mixup ho gaya ...
Phr koi Question half kia kehty isy chirain ..
Ap n Real Analysis ka Ratio Test parh k aye hain....
Means Series s related tha ...
I say sorry

Again Chairman :
Phr wahe Special Education

Job structure

Why want to switch

And asked kabhi kisi or post ka test ni dia ...

Means ap Officer ban jain ....

Kafi posts count karwai ..

Kaha magistrate phr kaha ni ap ka law ni ha ...

Main n Yes sir I appeared in combination Competitive exams twice.

Final Smile

My experience

How do you clear this test suddenly after msc beta?

Why do you want to be a lactuara?

Why not the teacher ?

Next to 1 subject specialist

Derivative ka inverse ?

Integral ?

Double integral mean ?

2nd subject specialist

Sine inverse ?

Sine function is ?

Over to ppsc head

Thank you beta

That's over and all

No intro ,no analysis

Nothing else

Chairman

Kesy hen ap?

Introduction khud krwaya

Phr khty apki CGPA tu Ma Shaa Allah bht axhi hy iska mtlb hy hm apsy axhi expectations rkhen .

Khty tiari kesi hy apki

Ready hen na interview k lie.

Then move to SS.

Ist

What is linear diff eq?

How can we solve this?

Charestics.

Phr khty acha agr linear diff eq ki agr degree one ho tu ksy solve kren gen?

Phr P.D.E ka pocha.

Phr Numerical analysis ka use and Three methods k name btye khty hm isko q use krty ?

Phr group ki trf gaye

Centre ki def?

Example.

Real No ka set group hta under addition?

Iska centre kia hoga?

2nd Subject specialist.

Optimization ka btyen .

Linear algebra ka btyen kia hti applications

Matrices ka btyen iski applications.

Lagrange theorem kia hta usk proof ma knsi mapping use krty.

Relation between spherical and cartesian coordinates.

Then chairman

Bhakkar sy ayen hen ap.

Chlen btayen Bhakkar ka geographia kia hy.

Sb sy near knsa city hy inma sy apk

Bhakkar or Di khan k drmyan koi town vagera hy ?

Sindh river kiski hissay ma hy bhakr or Di khan ?

Axha yeh

Apka rujhan kic trf ziada hy kic trf ziada traveling krty?

Axha yeh btayen k south punjab province bnna chye? Me yes. Why?

yeh btayen famous mathematician kon hen pakistan ma ab?

And last two Mathematicians ke name btyen or ink maths ma work btyen.

Bhakkar ka jugrafia pocha

Kia kia tyar kr k aay hn.

Function kaisy prhao gy fsc ko

Equal sets

Fundamental theorem ka algebra

First homomorphism theorem

Poison equation

Interpolation.

Bisection method.

Interval m root ka kaisy pta chaly ga is m h ya nhi.

Agr ap ko yah job na mili to kia kro gy.

Agr Mil gayi to next kia plane h .

Principal tan function

Iski domain

Kis fn ka inverse exist krta h

Simple tan ka inverse exist krta h ya nhi

Ring

Topology

Point of inflection

relation between tangent and point of inflection

Yours strengths and weakness

What is abstract algebra

What is time

Your field of interest

Ring

Integral domain

Geometrical interpretation of derivative

How to handle the students

Def of log.

Def of ring

Def of subring

Def of algebra

Examples of ring

Is c4 cyclic and what is its generator?

Is R group or not?

If H is genrtr the inverse of H is gnrtr or not??

In d^n what is n and d..

Increasing decreasing function,mapping

How function can be mapping

Sequence

Quadratic equations

Roots of quadratic equation

Why a is not zero in quadratic equation

Prove x^0=1

Topology

Subspace topology

1.What is algebra (algebra structure, not subject)

2. Why do we need vector space to define Norm, why can't we use ordinary set

What is metric space,

What is the sphere of radius 1/2 in discrete metric space and sphere of radius 1.1.

Define sigma algebra

Second subject specialist

What is topology, what kind of set should we have to define topology.

Discrete topology.

For X containing 4 elements, how many elements will it's discrete topology have?

Relative extremas.

General questions*meri PhD se related and teaching methodologies k oper hi thy

There was one more question:

What is the system of equations?

2x+y=7

2x+y=0

Comment about it's solutions?

Tell a system of equations having infinitely many solutions.

 Chairman asking about

Thesis and published paper in detail

Ist subject specialist:

Asking about published paper journal impact factor and research methodology

Cryptography

Maximum and minimum function of two variable

Saddle point

2nd subject specialist:

Runge kutta method method method numerical analysis

Norma space

Banach space

Weak and strong topology

Discrete and indiscrete topology

Bases of topology

Comparable topology

Def of ring

Ideal domain

Zero divisor with example

Characteristic

Homomorphism

Why we use homomorphism

Difference between functional and operator

Complete space

Ideal of a ring

Maximal ideal example

Chairman

Your interest

Capital of gilgit

No of total seats in gilgit election

Chairman

1)kaisay ho

2)

Master UET say kia

Engineering q nhi ki

3) Education Department Mai 6 saal say ho

4)Kia parhay rho school

Mai

5) aj k liye kia parh k aay ho

First subject specialist

1) Topology and Group theory parhi

2) Define homo

3) Define iso

4) Define Auto

5)state any theorem of isomorphism

6)what is sequence

7) what is cgt sequence

8) what is relation

 between Cauchy and cgt

9) what is banach space

10) If in space which every sequence cgt then space is called

11){x^n} under what condition

12) Strong and weak topology

13) how discrete topology is strong

14)What is interior of (0,1) in R

Second Subject specialist

1) Define Countable set

2) Countable set correspondance with set ?

3) numerical integration k kitnay rule

4) What is Simpson Rule

5) Solution of nonlinear

ODE

6)What is Euler's Theorem

7) Continuity in metric space

8) Continuity in topology

9) Jis set ka inverse image laina W X or Y topology Mai ?

Then Chairman

1) kartar Pur corridor

K about opinion

2) Nankana Sahib ghr say kitna dhoor hai

3) Achay Lecturer ki 3 qualities

Chairman:

Kis lvl ka math parhna hota ha primary school ma?

College ma math parhny k ly apko Isa hna chahy?

1st subj specialist:

Thesis kahn sy kia? Supervisor? Kis ma kam kia? Kia technique use ki? Kia solution find ky? Differential eqs ko solve karne ki numerical techniques? Numerical tyar ko ha?Rk method? Eqn of continuity? Center? Centralizer? Normalizer? Group homomorphism? Isomorphism? Use of isomorphism?

2nd subj spcls:

M.phil thesis topic? Model jis pa kam kia ha? Solutions knsy find ky thesis? Interior in topology? Residue theorem?

Chairman apny interview ko evaluate kro?

16-12-2020

Lahore centre.

No Gk

Just mera name lia ur univ. Ki info li ti.

1. What is polar form of C.(exponential form)

2.diff. b/w initial and boundary problems(space time ka in mae ki role hta hai def. To sb bta rahay hain)

3.what are CR equations(koi aik bta dain ur Is mae U,V kia hta hai)

4.what is harmonic function

 2nd subject specialist

5. What is conic section

6.kon se sections bntay hain.

7. General eq. Of conic section(hyperbola kb bnta hai)

8.parabola ko explain karain.

9.what quadrantal angle

Chairmain ne favrt subject ka pucha tha. Maine topology ur grp th ka btaya tha.unho ne in mae se kuch ni pucha.

Chairman

Aoa beta!

(Called My name) beta ap math mn q aye???

Baki subjects bhi achy hn punjabi, urdu sarraiki etc hy woh easy subjects hn wahan q ni gye ap?

Abhi ap kia kar rhy hain?

I said m.phil.... Phir m.phil topic ka pocha main ny kaha sir abhi main literature review kr rha hn.

Apka interest pure math hy ya applied math? I said pure....!

Ap nazdeek zindagi guzarny ka maqsad kia hy?

Koi aesa kaam jo ap samjhein k apki akhrat k liye acha kr rhy ap???

Then moved to subject specialist: both SS were female teachers.

Mam on my left: Beta sequence kia hoti hai???

Phir foran cauchy sequence kia hoti hy?

Kia har Cauchy Sequence convergent hoti hai?

Kia condition hy har Cauchy sequence convergent ho jaye?

Koi convergent sequence btain... Koi Cauchy Sequence ki example btain.

Is doran chairman sahab bahr chaly gye thy.

Then second subject specialist:

Beta ap ny mechanics parhi hy?

Couple kia hota hai?

Arm kia hota hai?

Moment kia hota hai?

Metric space kia hoti?

Homeomorphism and homomorphism...

Discontinuity ki types...?

Again chairman:

Ap math dpt se parhy wahan ka acha teacher ap kis ko samjhty? Un ka field kia hai?

Punjab ka education minister?

Ap ny kahin parhaya is se pehly?

Kis class ko parhana hy?
Finally the chairman wishes me good luck...!

Chairman:
What are you doing these days?
Why did you choose ASSMS for Mphil?
You have two paths, which one will you choose?
1st SS:
1Difference between volterra and fredholm integral equations
2.kinds of integral equations
3.he wrote an equation and asked which kind of equation it is? Volterra or fredholm?
4.conditional equation?
5. He gave me an equation and asked either it is conditional or identical
6.what is the difference between algebraic and transcendental functions?
2nd SS:
1 derivative of cot hyperbolic inverse x?
2. Derivative of a^{x^2}.
3. What is a binomial theorem?
4. What is an objective function?
5.what is the difference between binomial theorem and binomial series?
Then again chairman:
What are the qualities of a lecturer?
Do you think that you have such qualities?
Ok good luck for you

Chairman shb
Msc 2018 ma
Then superior clg teaching
Ap ne mphil ne kiya kiyo
..acha kiya research topic ha ap ka
Keya prhty clg ma
Tyari kesi ha..
Sara puch lain phr ap se fsc to msc.
.1st sbjct spclst
Ap msc ko real parha ry

Define Real number system

Then Define bounded ,,complete,,ordered

Phr 2 sets likhwe..kaha k sprm and infim btae

Keya unique hoty

Phr limit ka ak question likhwaya k find limit

Phr singular matrix.

2nd s.s

Scalar matrix

Derivative .Cot hyperbolic inverse (i say sorry mind ma ne ha)

Then derive sec hyperbolic inverse

Then integration of ln x

Then chairman

Too keya diya clg ko.

Bachy khud mehnat krty ap ak keya kamal achy result ma

U say guidance and encourage

Abu ap k army se retired ap kiyo ne gae

Typing speed kitni.

Power point k bare ma jant ho(i say kuch khas ne

Interview lecturer (Maths) Sargodha center

Chairman

Awais Rasheed

Bs Kiya

Yea Kiya red book lae hoo(Mphill thesis)

Supervisor name title name

1st SS title of thesis

Jensen and steffensen inequalities Kiya hn

Kiya work Kiya

Weight function

Use of inequalities

Associated eqn

Towards 12 linear programing problems

Draw graph of 2x-3y < 3

Publish Hy work

Kis ka paper follow Kiya name

What is time scale

2nd Ss

0x=0 has how many solutions

Tell the number whose square is less than that number

Integrate ln x

Write eqn tell it is function

Chairman again

What r u doing now days

Mphil PhD phly honi chahiye ya lecturer

Name the no 1 mathematician Jo ap ko lagtaa Hy...y she is number 1

Tell the uniqueness

Chairman:

1.Intro khud karwaya

2.what is ur area of interest? U think you are an expert in math?

Subject specialist:

3.What is an open set and open ball?

4.what is difference b/w Tò and T1 space and tell the other name of these.

5.what is hausdorff space

6.what is the meaning of well defined in set.

2nd subject specialist medium...

7.what is the principle function and why do we restrict its domain?

8.what is bijective function?

9.what is the period of cos3x?

10.if the sum of root is 5 and product of roots is 6,then write its equation.

Again chairman

11.what is the main difference from the school teacher and college teacher?

Interview at Lahore

Intro khud krwaya

Education department kitny hain

Ap 6 sal sy job kr rahy ho

Teacher ki cherectrestic btao jo khuch different ho jo 200 log phelu bta chkain hain like reguler puntual wagera na hn

Ap kis to tick krain gy

Budget increase krna chaye

Syllabus change krna chaye

Teacher training krni chaye
Syllabus or curriculum main kia faraq ha
S.S
Kon c book parhi ha
Linear equation ko sol krny k methods
Numerical analysis kia ha
Algebra kia ha
If two line are parallel what us the solution of them
Two equation thi un ka solution kia ha
Gamma function
Laplace transformation
Q krty hain
Cauchy equation kia ha and q use krty hain
Complex function kia ka
Again chair main
Ap q lecturer bana chaty ho

1) Chairman introduced me. He talked about my msc and mphil, and about PhD and postdoc.
2) He asked, where should we start your interview?
3) He said we will start from your thesis.
1st specialist:
5) What is the topic of your thesis?
6) What are Lie Symmetries?
7) Define manifold.
8) Give an example and tell what the structure of R.
9) Are there zero divisors in R?
10) What is the interior of a set in some topological space?
11) What is an open set?
12) Then what about the exterior?
13) Define boundary.
14) Define boundary of a set in metric spaces.
 2nd specialist:
15) Define group action.
16) Define singularity.
17) How many types of singularity? Name each of them.

18) What is the Lauren series?

20) What do we do in the conic section?

21) Is R complete?

22) what are l_p spaces?

23) who is your advisor in LUMS?

24) Don't you think that college job doesn't suit you?

1st specialist:

26) which type of singularity is there in sin(z)/z ?

27) what is dual of l_p?

28) what are conjugate exponents?

29) Are l_p spaces complete?

2nd specialist:

31) How will you find the distance between points of manifold?

1st specialist:

33) Define all conics analytically.

34) Which point is fixed in parabola and ellipse?

35) Then Chairman, what are qualities of a good teacher?Please don't tell me he should be a knowledgeable person!!! I want to listen to something special.

36) Which hobbies should be hobbies in free time?

37) Do you play cricket?

38) American President plays golf, do you think you are more busy than him

Q.1 Chairman introduced me. Called my name and asked . How are you?

Q.2. Msc From NCBA&E BAHAWALPUR CAMPUS?

Q.NO. M.PHIL FROM SINDH UNIVERSITY JAMSHORO

QNO.3.WHY U PREFERRED SINDH INSTEAD OF PUNJAB.

Q.NO 4. What are you doing these /nowadays?

Q.no.5.how u managed to stay in sindh.?(i was working in a factory as time keeper)

Subject specialist Male.

1.Define function?

2.Types of function

3.induction method?

4.define zero?

5.fundamental theorem of Algebra

6.Null matrix?

2ND SUBJECT SPECIALIST FEMALE
1.ANALYTIC FUNCTION?
2.ENTIRE FUNCTION?
3.POLES
CHAIRMAN
UR FAVOURITE SUBJECT?
RING THEORY, TOPOLOGY,GROUP THEORY, COMPLEX ANALYSIS.
VERY GOOD
SUBJECT SPECIALIST
1. CONJUGACY CLASS
AND ITS PROPERTIES ?
2.AUTOMORPHESIM ?
3.QUOTIENT GROUP?
4.COMPECT TOPOLOGY?
5.HOMEOMORPHESIM?
6.BOOLIAN RING?
7.SET GIVEN {1,2,3}FIND CLOSURE ?

chairman:
1)ap 2016 sy sse ho, is k ilawa kiya kr rhy ho?
2)ap m. phil is liye kr rhy ho k increment lag jaye ga?
3) school ma kin classes ko parhaty ho?
s. s 1)
4) 1st year ma most favorite subject kon sa h?
5) trigonometric hi favorite kiyon h?
6) state fundamental law of trigonometry?
7) any use of matrices?
8) matrices ki konsi type ki equations solve krty hn?
9) homogeneous or non homogeneous eqs konsi hoti hn?
10) matrices ko solve krny ky kon kon sy methods hn?
11) quadratic equations ma extraneous roots kiya hoty hn?
s. s 2:
12) define entire function?
13) give an example of the entire function?
14) agar polynomial function ma z conjugate ho tu wo entire ho ga?
15) define even function.

16) give an example of even function in trigonometry?

17) define periodic function?

18) give examples of periodic functions?

19) also state the periods of these functions?

again chairman :

20) ap kaha sy aaye ho?

21) minchinabad border sy kitna door h?

22) haal hi ma pakistan ny board py 1 corridor open kiya wo konsa h?

23) kartarpur corridor k bary ma ap ka kiya khayal h? ye acha decision h?

Male Math Lahore

Interview by Abdur Rehman

Mara Interview sb sye last pr tha us din

Chairman: (Syed Ibn E Abbas)

1. Apka Name

2. Ap nye BS UE sye kiea hai marks be achye hain to apk khiyal me UE waly kasye marking kartye hain.

3. Ap k BS Last year complete howa to apka agye M.Phil karnye k irda hai ya ni?

4. Ap kahn sye M.Phil kr rhye hain? or apki enrollment kasye hogi?

5. Apka supervisor kon hai?

6. Ap k supervisor ko English zayda atti ya apko فارسی

7. Ap un k sat contact kasye kartye hain?

8. Ap kis field me kam kar rhye hain or topic kia hai?

9. Kia supervisor or field apnye apni marzi sye choose ki?

Subject Specialists
Female subject specialist#01:

1. Ap konsa subject tyar kar k ayye hain.

2. Ap nye algebra k liea kon konsi book parhi hain.

3. Kia apnye topology parhi hoi hai? kis book sye?

4. (a,b) k derived set kia hoga in usual topology on R

5. Real line pr kon konsi or topology hai?

6. (a,b) k derived set kia hoga in Lower limit topology on R

7. Weaker topology kia hai?

8. Compact spaces kia hoti? Example? or topology me kasye chack kartye?

9. |x| k graph? kia ya differentiable hai? graph sye kasye pata chaly ga k ya differentiable ni hain? Usk elwa koi or method chack karnye ka?

10. Vector space me apko linear dependent or independent k concept k pata hoga to ap batye k ya set dependent hai ya independent

S={v1,v2,0}? Ya dependent Q hai?

11. Q_8 group konsa hai? kia ya abelian ya non-abelian? kia ya cyclic hai?

12. Z12 k kitnye subgroup hai? usko find karnye k tarika? or wo kitnye order k hongye? Likh k dikhye.

Female Subject Specialist#02:

1. What is line?

2. Apk pass ak point hai ak direction vector line ki equation likhy.

3. What is plan? R^3 me uski general Equation?

4. What is dual spaces?

5. What is functional?

6. Or konsa subject pr k ayye hain?

sinθ or principal sinθ function kia hai?

7. Principal sinθ function k inverse exist karta hai k ni?

8. Cos 2θ k formula?

9. Sinθ in Cos2θ?

Then Chairman:

10. Agr apki job ni hoti to apka kia irda hai?

11. Ap PhD k liea konsi Country janna chiea gye?

12. Apko stipend kon dyta hai?

13. Apnye koi bound sign kiea howa or wo kitnye arsye ka hai?

14. Apka koi experience ni hai hum apko appoint kartye hain to ap apni dhak kasye bethye gye?

15. Apka class me behaviour kasa hoga?

16. Apk pass scale hai 1 sye 10

1 pr friendly or 10 pr bot sakht mazaj to ap apnye apko kahn rakhye gye?

17. Ma apko ak theorem dyta hon uska hal batye k

Agr apki job ho jati hai to ap kia karye gye or agr ni hoti to kia karye gye?

Ma nye start kiea k agr ni hoti to chainman nye bola k phaly achy side sye start karye agr ho jati hai to.

18. Agr apki job na hoi or next time job atti hain to kia ap apply karye gye?
19. Apk khiyal me us sye best job konsi hain?

Or maybe koi ak 2 or question wo exact yaad ni

Us k bad chairman sye Sukariya bola or janye ka kaha.

Today my interview:
No introduction
Aao kon sy subject prha rahy hain..
1st S.S
Define fluid
What is basic equation of fluid mechanics
Which law is used in basic equation
What is law of conservation of mass in fluid mechanics
What is stream function
Why we used stream function
What is velocity potential
For which type of flow we used stream function and velocity potential...
What is stagnation point
Complex potential
Relation between potential and stream function
What is the navier stokes equation..
Who is navier and stokes...
If fluid is present on the plate and flowing then which equation is used in its physical problem
2nd S.S
What is viscosity
Units of viscosity
On which factors viscosity depends
Define matrix

Unitary matrix

Diagonal matrix

Application of matrix

Mathematical induction

Real life example of mathematical induction..

When we use mathematical induction

What is the meaning of induction

Then again chairman:

Qualities of teacher

Orr is par us ny khud hi option dena shuru kiye ye khoobi honi chaiye yaa nhi...

Ap academy prhaaty hain..

Kiya ap is culture ko acha smjhty hain...

Friendly behave hona chaiye yaa nhi class mai...

What is E=mc square..

Why einstein derive this..

What is the use of this equation.

Jaisa hi inter hua to chairman sab ny 1-name btya

2-Phr kaha k ap ap ny kis jga sa bS(math) kia hy

3-Aur pucha ap ready ho is job k lia

Aur kha kia tiar kr ay ho.

1 SS

1-Relation between function and functional

2-Metric

3-Name of third property of metric

4-Distance negative kiun ni hta

5-Cyclic group

6-Relation between cyclic and its generator

2nd SS

7-Define induction method

8-Daily life example

9-Transitive property

In which set we use transitive property

10-Equivalence relation

Then again move to chairman sahib

11-Ap ki cgpa

12-Apki cgpa to bht achi hy

13-Ap ny mphil IUB sa kiun ni kia

ISP sa kr rha hain kitna arsa ho gya hy

14Reseach kis main kr rha hain

15-Pakistan main apka lehaz sa best 16-mathematician kon hy

Aur kam btain

17-Ap math main kiun ay

18-Apki job ho jati hy to kia kro ga

Agr nu hti to kia kro

19-Ap ny kahan prhya hy

20-Kis class ko prhya hy .

21-Education minister of federal govt

22-Educational minister of punjab

23-Theorem kia hta

بہاول پور سینٹر

جیسے ہی میں داخل

ابن عباس صاحب نے مجھے نام سے بلایا

1. ماسٹرز آپ نے کی ISP سے کی یہ CGPA آپ کی بہت اچھی ہے یا ISP میں سخت ہیں سخت نمبر دینے والے

بس ایسے ہی نمبر دے دیتے ہیں

2- 2، (1 اساتذہ میں آپ کو 3 آپشن دیتا ہوں؟ ہمارے نظام تعلیم میں انحطاط ہے اس کا ذمہ دار کون ہے؟

(گورنمنٹ کی پالیسیاں 3 یاد نہیں

پہلا سبجیکٹ سپیشلسٹ

1 ویکٹر کیا ہے آپ نے پڑھا ہے

2 یونٹ ویکٹر کیا ہے؟

3 پوزیشن ویکٹر کیا ہوتا ہے؟

R3 4 میں ویکٹر بنا کر دیکھائیں؟

5 ریلیشن کیا ہوتا ہے؟

6 سمیٹرک اور سکیوسمیٹرک ریلیشن کیا ہوتا ہے؟ ڈیفینیشن بتاؤ

7 sequence کیا ہوتی ہے؟

8 Arithmetic sequence aur geometric sequence kia farq h?

2ns SS

1: 2 is a rational $2^{1/2}$ no is ka upper bound kia h?

2: is hi no ka rational no no mn least upper bound kia hoga?

3 abelian group kia hota h?

4; subgroup hone k lie kia conditions hn?

Kia koi aisa group b h jo khud non abelian ho lekin us k subgroup abelian ho?

پھر سے چئرمین صاحب آپ سکول میں کیا پڑھاتے ہیں

سکول میں پڑھانا اور لیکچرر کیا فرق ہے؟ ٹھیک ہے خدا حافظ

Chairman introduced me, app na 2017 ma m.sc ki ha.

SED ma kis grade ma ho.

Kon si classes ko parhata hoo.

School ma sb sa bara challenge kon sa ha.

Ist subject specialists

Define group.

Deine set.

Is group is defined other than set.

What is application of group theory in other sciences?

Define binary relation.

2nd subject specialist

f(x) =|x| ka graph bnoaa.

Ye bijective function ha ya nahi

Agar nahi ha tu Q nahi ha.

X^2= -4ay ka graph kaise ho ga bnoa.

Ye kya cheez ha i said parabola toward downward.

Then

(X-a)^2=-4ay is ka graph kaise ho ga.

Then

Circle ki standard equation kya hotio ha.

Ellipise ki standard eq.

If a= b ho jaye ellipse ki equation ma tu ellipse kya bna gi.

If a=0 ho jaye ellipse ki eq ma tu kya shape bna gi.

Dihedral group kya hota.

Is ka andar kaise element hota hai.

Again chairman.

Acha batao school kidhar hai tumhara.

Punjab ka kitna district ha.

Punjab ka division kitna ha

Education minister punjab ka kon ha.

Kitna education sector ha punjab ma mana kaha 3 .

Agar lecture bn gye tu sath ma apni acedmay ya school tu nahi kholl loo ga part time ka liya.

Technology ka kya impact ha ajj kal ki education ma .

Today's interview :

Chairman

Ap ny MSc ki ha QAU sy, abhi kia kr rahy hain?

Ap lecturer kyu banna chahty hain?

Passion kia hota ha?

Supervisor choose kr lia ha?

Mphil k baad agey bhi parny ka irada ha?

1st SS:

Mphil ma kon sy subjects parhy hain?

Homological algebra kia hota ha?

Diff b/w homomorphism and Isomorphism

Diff b/w polynomial and power series

Write any polynomial and its power series

Draw graph of Sinx, Cosx

What's its period?

Origin k is side aur us side graph kia show karta hai?

2nd SS:

Calculus ki kon ci book prhi ha?

Chalein SM yousuf sy sawal krty hain

Write gamma function.

Define cyclic group.

Lim x-->0 $2^{(1/x)}$=?

Lim x-->0 sinx/ sq(1-cosx)

Diff b/w homomorphism and homeomorphism

Kia dono ma structures same hoty hain?

Again Chairman

Ap QAU ma prty hain? Logo ma kia likha ha?

Maths dept acha ha ap ka?

Kisi aik jany pechany professor ka name btaein

Lecturer ki aik khoobi kia honi chaiye?

HEC ka education minister?

Introduction khud krwaya

Msc 2016 me ki us k bad se kia kr rhy hn

kahan parha rhy hn

kesa college hai

Kia prepare kr k ae hn

thesis topic pocha phr mam ko kaha in ka topic apny sun lia hoga us se related poch len

Integrability ka apny zkr kia topic me ye kia hoti hai norm kia hoti hao vector space me hm field ku lety hn ring ku ni lety

Z2 Z3 kb fields bnti hn

Z4 ku ni field bnti

ek differential equations di usy kese solve krty hn

lim x approaches to o tanx/x

calculate kren

iski limit exist krti hai

Numerical analysis ki kon c book parhi newton raphson method kia hota hai

laplace transformation kia hoti hai

moment of inertia kia hota hai

laplace transformation me f(x) kia hota hai

Pde me separation kb use krty hn

continuity of 1/x on close interval 0,1

Again chairman

Ap ka college me kia packge hai ap satisfy hn jo ap k pass knowledge hai wo ap achy se convey kr rhy hn

Student jo aa raha hai college me ap us se ktna satisfy hn mene kaha as a teacher kehty as a teacher ni ap mje btaen ap kitna satisfy hn chlen me apko percentage deta 50 prcnt 60 percent

Your BS(hons) was completed in 2019. So what r u doing nowadays?

M.phil.kahan tk pohncha?

Supervisor kon hen?

Aagy ab apka kya irada hai?

Students tk knowledge transfor krny k liye kya kren gy?

Kis chez me interest hai apko? (I told pure maths)

Ap ASSMS prhty hen, kon hen Abdus Salam? In k name py kion institute bnaya?

Kis field me.Nobel prize mila Abdus salam ko?

E=mc^2 iss equation k bary me kuch btayen?

Speed of light kysy calculate krty hen?

Apki nazar me Pakistan me education k downfall ki kya reason hai?

Plagiarism kya hoti hai?

School teacher aur lecturer me kya difference hota hai?

1st Subject specialist:

Topology sy start kr lety hen, I said sure sir...

Discrete Topological space ka koi subset ho to kya wo open hoga ya close?

Closed kisy kahen gy?

What is closure?

Superset kya hota hai?

Discrete topology me kisi set ka closure kya hoga?

2nd subject specialist:

Series sigma(1/n^2), convergent hai ya divergent?

Kysy pta chala convergent ka?

P-test kya hai?

What is the Taylor series of a function?

Sin function ki taylor series kya hogi???

Page py integral evaluate krwaya (1/(1+x^2)) limits of   integral was 1 to infinity.

Kysy evaluate krty hen improper integral ko?

M.phil me kya topic hai thesis ka?

Sphere ka fundamental group?

Today's Interview

Chairman Sb ne khud hi introduction krwaya r Job se related baat ki

1st Subject Specialist:

Define function with real life example.

Define Continuity.

Tell one method to solve O.D.E using numerical Analysis.

Analytic methods.

Second Subject Specialist:

Domain and range of inverse functions.

Integration of ln x.

Define discrete topology.

Chairman: Compare your interview with the previous interview.

My Interview

Chairman

Intro usny khud kiya

Ap kahan se aaye hain

Govt Job k bary pocha

Kon Konsi class deal krty

Lecturer k liye pur.umeed hyn

Higher level ka math kbhi prhaya hai?

Mphil kahan se kiya

Supervisor name

Over to 1st SS

Ask about my rsrch topic

Order of my rsrch model

Soliton ka use kaha hota hai

Why we use these waves

Aik DE likhi, solve karo

Group of order 3 is abelian?

2nd SS

Write a function, kya ye diff.hai

What is Sandwich theorem

Where we use it

When we use Lo-pital rule

Some discussion about Indeterminate forms

Chairman sb ne.

Introduction khud karwaya,

Ajkl kia kr rhe hn.

Punjab ka governor ka name pocha,

Apka trend pure kis trf h ya applied ki trf.

G doctor sb pochein,

Complex ki knsi book pri h

Analytic function kia hota h

Z mod=1 ka graph bnain

2nd subject specialist

Mechanics ki kisi book ka nam btain.

Qk ghori ki wjae shuhrat.

Decreasing function kia hota h.

Hausdorff space a banach space kia hoti h

Chairman sb next future mn kia plane hn

Visiting mn apko per lecture pay krte hn

Faisalabad Centre.

20-01-2020

Introduction

About current job,salary package

Difference between lecturer and school teacher

Why you become lecturer

Why you don't go for administrative posts

Reasons for downfall of our education system.

Qualities of Good Lecturer

Budget of education Department

Subject Specialist

Number system

Graph of x^2

Graph of tanx

Graph of sinx

Odd function

Asymptotes

Vertical,horizontal,oblique

Find asymptotes of parabola

Dimension of line

What is Mechanical mechanics

What is Mechanics

Non linear equations

How to solve

Horizontal line test

Vertical line test
Sin X is onto function explain
Difference between 1D and 2D figures
Define complex plane

If you got selected what you do
If not then what's your plan?
FSd 21/01/2021 maths interview experience Chairman's sahib nay khud he name Bola..
1 kia hall han ap ky..
2 job experience related question
3 kia read kr ky ayein han ap.. I said group theory, Calculus SM yousaf and mathematical method SM yousaf..
 S.S
1 define group
2 group ki jo 4 axioms han un ky ly order follow krna zarori Q hy
3 define commutative group
4 write example of abelian group
5 write example of non abelian group
6 numerical Analysis ki kon c book read ki hy writer name
7 define linear function
8 what is Homeomorphism
9 ak graph draw krin when x= 1 and tell this is linear or not..
2 S.S
1 calculus book name batao jo foreign writer ki ho..
2 write linear and nonlinear functions
3 what is composition of function
4 solve examples of composition of functions hold commutative law..
5 what is sandwich theorem
6 draw physical appearance of sandwich theorem
7 why wo use sandwich theorem…

Interview center :fbd (22.01.2021)
Chairman sahb: 2017 me BS kr k kia kr rhy...i said m phil kiya aur ek sal cti kiya ab ek private campus me prha rha...
Mphil qau se kiya us ka logo btao.

Famous mathematician of qau.

Difference between book and journal

Next 1st SS: define fundamental thm of calculus.

Define curvature.

Define riemann integrable function.

Z14 p group type question.

2nd SS: draw three graphs(sin, tan, unit circle)..which one of these is a function...i said circle he asked why not..i gave the reference of vertical line test..then questions about onto and bijective functions..define conservative force field..

Then chairman sahb gave me a situation to motivate a student who is brilliant in numbers but class me participation zero hai…

1) Alternative name of sindh river
2) Alternative name of indus river
3) Names of four cities of Balochistan
4) Name of Punjab Governor
5) Ap ny research topology men ki ha to ye topology mn donut or cup ko kis trhan aps mn relate kety hen?(I said homomorphism k through)
6) Definition of homomorphism
7) Types of topologies , aik set pa kitni kism ki topologies bnae ja skti hen.(I said 3 kism ki ban sakte hen discrete confinite and usual topology
8) X={1,2,3,4} and Y={1,2,3} if f(x)=x then it is a function or not?(I said no, because hmen four ki image nahi mily ge ye identity function ha)
9)   Trapezoidal rule
10)   Definition of cyclic group, us k generator ko kis trhn likhte hen
11)   Limit x approaches to zero, 2 power 1/x

Chairman Introduced me.

Phir pucha k ap ki MSc 2019 men complete hogai thi tab se ap kia kar rahay hain?

MPhil men konsi field men research kar rahay?

Ap k Supervisor kon hain?

Quaid i Azam uni aur SMS dono j baray men pucha k kia khasiyat ha dono ki.

Abdus Salam ki khaas baat kia ha?

E=mc² ko explain karen, ye samajh k k jese hum Inyer k students hon.

Topology ki definition

Sine ftn ka graph.

Vector analysis ka 1 question page pe likhwaya.

Mathematics men kyun ay ap?

Introduction by chairman

Matrices determinant singular non singular Multiplication of matrices who gave the concept of matrices when

Inverse of a matrix

Periodic function

Sinx inverse sin x

Define function

How u determine a function

Vertical line test

Real number complex numbers what is iota

Proper and improper subsets

Relation of real and complex numbers

How complex numbers are graphed demoivre's theorem how will u prove it and also discussion on complex numbers and related questions in a speed later why we use matrices while there r many others method of solving equations

Kia teacher ko regular and punctual hona zarori hy

Kitna?

Taleem aur tarbiyat main sy ap kis ko zarori smajty hain

Agr taleem ko aik pa;ray main rakhy aur tarbiat dosray main to ap kon sa palra Bhari daikhna chahty hain

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For more info about PPSC Lecturer Math Preparation and guidance visit our youtube channel www.youtube.com/c/mathlogicpk

Best Regards
Team MathLogic