ISI QROR ROADMAP(BY BELAL AHMED SIDDIQUI)

LL RESOUCES ARE AVAILBLE ON TELEGRAM GROUP

mportant topics for MMA are Complex numbers, Linear Algebra, Calculus, Straight Line, Circle, Sequence of real numbers, Infinite series, P and C , Probability, Binomial Thoerem.

| The topics important for PQB Maths are P and C, Divisibility and Prime number, Binomial Theorem, Properties of triangles, Differential equation, Function, Limit, Continuity, Linear Algebra | Link to more resources: https://medium.com/isi-entrance-preparation

Before starting this roadmap,read this: https://medium.com/isi-entrance-preparation/how-to-prepare-isi-gror-mma-mathematics-144283b0db21 , https://medium.com/isi-entrance-preparation/how-to-study-for-engineering-for-previous Year: https://mathsmerizing.com/isi-m-tech-gror/

Link to syllabus: https://www.isical.ac.in/~admission/IsiAdmission/PreviousQuestion/Questions-MCQ-T\ http://www.isical.ac.in/~admission/IsiAdmission/Syllabus/MTech_QROR_Syllabus-2023.pdf

IF KNOW THE CONCEPTS THEN GO FOR ONE SHOT VIDEOS: https://www.youtube.com/playlist?list=PLh8L7BdhccOvDJm9Jpmrd08ejk(

Orange means very important		
NEQUALITIES	https://www.youtube.com/watch?v=DYh1xBWnDYU	SOLVE INEQUALITIES QUESTION FROM TELEGRAM GROUP FROM A PDF NAMED 4-INEQULAITY QUESTION LINK TO TELEGRAM: https://t.me/isiqror
ROGRESSIONS		SECONDAGE ALGEBRA G TEWANI PDF FROM TELEGRAM(SOLVED EXAMPLE ONLY)
NOMIAL THOEREM		
	https://www.youtube.com/watch?v=4fw1xCWFfhl&list=PLbu_fGT0MPssb1	
T THOERY	https://www.youtube.com/watch?v=pxYCuWEpujA	TOMATO BOOK OF ISI(AVAILABLE ON TELEGRAM)
LATION	https://www.youtube.com/watch?v=pxYCuWEpujA	TOMATO BOOK OF ISI(AVAILABLE ON TELEGRAM)
ATRIX AND DETERMINANT	https://www.youtube.com/watch?v=2UQ0Kl_BimU&list=PLbu_fGT0MPstC	
RAIGHT LINE	https://www.youtube.com/watch?v=xzWZiWJzses	ARIHANT CO ORDINATE GEOMETRY AVAILABLE ON TELEGRAM
RCLE	https://www.youtube.com/watch?v=3HR0f9IUdz0	ARIHANT CO ORDINATE GEOMETRY AVAILABLE ON TELEGRAM
JNCTION	https://www.youtube.com/watch?v=xktPfmnzUB8&list=PLbu_fGT0MPsvH	2 ARIHANT DIFFERENTIAL CALCULUS.PDF AVAILABLE ON TELEGRAM
MIT	https://www.youtube.com/watch?v=iQwHvRAEk90&list=PLbu_fGT0MPst_	ZCARIHANT DIFFERENTIAL CALCULUS.PDF AVAILABLE ON TELEGRAM
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FFERENTATION	https://www.youtube.com/watch?v=DpmP7S8YP9o&list=PLbu_fGT0MPstF	C ARIHANT DIFFERENTIAL CALCULUS.PDF AVAILABLE ON TELEGRAM
DO	https://www.youtube.com/watch?v=IIJm4-IMlh0&list=PLbu_fGT0MPsshbt	N ARIHANT DIFFERENTIAL CALCULUS.PDF AVAILABLE ON TELEGRAM
DEFINITE INTEGRAL	https://www.youtube.com/watch?v=i5hUQVwtock&list=PLbu_fGT0MPstB	ARIHANT INTEGRAL CALCULUS.PDF AVAILABLE ON TELEGRAM
EFINITE INTEGRAL	https://www.youtube.com/watch?v=tsj_Fpw9uP8&list=PLbu_fGT0MPstXG	C ARIHANT INTEGRAL CALCULUS.PDF AVAILABLE ON TELEGRAM
REA UNDER CURVE	https://www.youtube.com/watch?v=6jTQ1U3R0UE&list=PLbu_fGT0MPssv	CS ARIHANT INTEGRAL CALCULUS.PDF AVAILABLE ON TELEGRAM
RMUTATION AND COMBINATION	https://www.youtube.com/watch?v=qw8OE2UpTnk&list=PLbu_fGT0MPsu	gE CENGAGE ALGEBRA G TEWANI PDF FROM TELEGRAM
OERY OF EQUATION	https://www.youtube.com/watch?v=rx8chAgXwhs&list=PLbu_fGT0MPsvrb	3 CENGAGE ALGEBRA G TEWANI PDF FROM TELEGRAM
OMPLEX NUMBER	https://www.youtube.com/watch?v=1htx/TpHTS4&list=PLbu_fGT0MPst8Ms_CENGAGE ALGEBRA G TEWANI PDF FROM TELEGRAM	
JMBER THOERY	https://www.youtube.com/watch?v=FAmvFm8ELgY&list=PLIDpKxpqzb0Hk	KC TOMATO BOOK OF ISI(AVAILABLE ON TELEGRAM)
NEAR ALGEBRA	https://www.youtube.com/playlist?list=PLK57ZMKnbprT-Gy4k0r8jAr0mx2K3 DETERMINANTS AND MATRICES CHAPTER FROM BOOK HK DAS ON TELEGRAM	
	https://www.youtube.com/watch?v=np-FGJTsgUU&list=PLKS7ZMKnbPrSIN	zXnhUudFxYAyXCD4gm-
RABOLA(not very imp)	https://www.youtube.com/watch?v=LsYvJc56yag	ARIHANT CO ORDINATE GEOMETRY BOOK(most questions are usually asked from staright line and circle)
LIPSE(not very imp)	https://www.youtube.com/watch?v=8asqPexzYzc	ARIHANT CO ORDINATE GEOMETRY BOOK(most questions are usually asked from staright line and circle)
PERBOLA(not very imp)	https://www.youtube.com/watch?v=Es6IoDqItuc\	ARIHANT CO ORDINATE GEOMETRY BOOK(most questions are usually asked from staright line and circle)
SEQUENCES AND ITS PROPERTIES	https://www.youtube.com/playlist?list=PL_QIQEraLweFvIVDFu_oTggNvXU	
	https://www.youtube.com/playlist?list=PL QIQEraLweE0Twx6FckIEbBoAM	
INCTION OF SEVERAL VARIABLES		A Not that important just solve related to previous year questions and previous year papers are available on Telegram. (Questions related to "Directional derivative" are important.
FFERENTIAL EQUATION	https://www.youtube.com/watch?v=bjJZKTrCBNw&list=PLU6SqdYcYsfluZV	
OBABILITY	https://www.youtube.com/watch?v=w5L0J OY9iU&list=PLbu fGT0MPsuY	
	RE https://www.youtube.com/watch?v=cgXTohh7Ukl	related questions from tomato book can be solved
OUBLE INTEGRAL	https://www.youtube.com/watch?v=Z5S3tLEUgiQ&list=PLm-b21hT527Uox	·
OUP THOERY	https://www.youtube.com/playlist?list=PL_QIQEraLweHMEHT3G_DdLaj1	
GONOMETRY(not very imp)	https://www.youtube.com/piayiistriist=rt_QiQeratweniiren1sd_butaj1_	IN TELEGRAM CHANNEL A FOR NAMED 1-FOR
OPERTIES OF TRIANGLE.	https://www.youtube.com/watch?v=OOpGqsYnPj0&list=PLbu_fGT0MPsvz	
OPENTIES OF TRIANGLE.	nttps://www.youtube.com/watchrv=OOpgqsmrJo&ilst=PLbu_iGTOMPsvz	U FREVIOUS TEAN QUESTIONS AND TOWNSTO
hermodynamics	https://www.youtube.com/playlist?list=PL9RcWoqXmzaK6AHCCyl	16ggr(2PN-w-D
	https://medium.com/isi-entrance-preparation/how-to-study-for-engineering-for-2f203d755e18	
PQB Blog(paper 2) IN THERMODYNAMICS WE HAVE S	https://medium.com/isi-entrance-preparation/how-to-study-for-e	
THE IMPORTANT BOOK FOR PI		ATTAIN DE 11 LECTURAL CHARITECT

HAPTER:3,4,6,7,8 AND BASICS OF IC ENGINE LIKE OTTO AND DIESEL CYCLE. IMPORTANT TYPES OF QUESTIONS:TOPIC, QUESTION PROFILE, LEARNING RESOURCE, REMARK THERMODYNAMICS, PISTON CYLINDER PROBLEMS, PK NAG, SOLVE ALL PK NAG SOLVED EXAMPLES THERMODYNAMICS, "HEAT ENGINE, COP PROBLEMS", P K NAG, SOLVE ALL P K NAG SOLVED EXAMPLES THERMODYNAMICS, CHANGE IN ENTHALPY WITH VARIABLE CP AND CV, P K NAG, SOLVE ALL P K NAG SOLVED EXAMPLES THERMODYNAMICS, ENTROPY PROBLEMS, PK NAG, SOLVE ALL PK NAG SOLVED EXAMPLES THERMODYNAMICS, IMPORTANT FORMUL DERIVATION, PK NAG, SOLVE ALL PK NAG SOLVED EXAMPLES MECHANICS, COUPLE/MOMENT CALCULATION, RS KHURMI, SOLVE ALL RS KHURMI SOLVED EXAMPLES FROM CH1 TO CH 18 MECHANICS, MOMENT OF INTERIA CALCULATION, PREVIOUS YEARQUESTION + MANAS PATNAIK YT CHANNEL, SOLVE ALL R S KHURMI SOLVED EXAMPLES FROM CH1 TO CH 18 MECHANICS, SHAFT AND BELT PROBLEMS, PREVIOUS YEARQUESTION, SOLVE ALL R S KHURMI SOLVED EXAMPLES FROM CH1 TO CH 18 MECHANICS, PULLEY PROBLEM(NLM), FROM JEE PHYSICS BOOK, SOLVE ALL R S KHURMI SOLVED EXAMPLES FROM CH1 TO CH 18 MECHANICS, TOPPLING PROBLEM, FROM JEE PHYSICS BOOK, SOLVE ALL R S KHURMI SOLVED EXAMPLES FROM CH1 TO CH 18 MECHANICS, HAMMER AND NAIL PROBLEMS, RS KHURMI, SOLVE ALL RS KHURMI SOLVED EXAMPLES FROM CH1 TO CH 18 FOR SOM PREVIOUS YEAR QUESTION SHOULD BE YOUR MAIN FOCUS AND SOLVE SIMILAR TYPE QUESTION FROM ANY SOM BOOKS. For electrical According to a batchmate: Fundamentals Of Electric Circuits By Charles K Alexander & Matthew N O Sadiku and Electrical machines by ashfaq hussain for numericals and PYQs are a must And Made Easy Notes

SOLVE AND ANALYSE PREVIOUS YEAR PAPERS AND GO FORTH