Name of Assistant/Associate Professor pooja

M.s.c.mathmethices (P)

Subject topology

	July 13, 2018 to July 14, 2018 (Week 1)			
13/07/18		14/07/18		
	July 16, 2018 to July	/ 21, 2018(V	Veek 2)	
16/07/18		17/07/18		
18/07/18		19/07/18		
20/07/18	topological spaces	21/07/18	continue	
	July 23, 2018 to July	/ 28, 2018(V	Veek 3)	
23/07/18	types and examples of theorem	24/07/18	more theorems	
25/07/18	Neighbourhoods	26/07/18	continue	
27/07/18	Neighbourhood system	28/07/18	continue	
	July 30, 2018 to Augu	st 04, 2018	(Week 4)	
30/07/18	properties	31/07/18	Shahid Udham Singh Shahidi Diwas	
01/08/18	problems	02/08/18	Interior point	
03/08/18	continue	04/08/18	more theorems	
	August 06, 2018 to Au	gust 11, 201	8(Week 5)	
06/08/18	definition of a closed set	07/08/18	continue	
08/08/18	limit point,derived set	09/08/18	continue	
10/08/18	Adherent point,closure set	11/08/18	properties of closure set	
	August 13, 2018 to Aug	gust 18, 201	8(Week 6)	
13/08/18	Dense sets. A characterization of dense sets	14/08/18	base for neighbourhood system	
15/08/18	Independence Day	16/08/18	problems	
17/08/18	relative and subspace of topological space	18/08/18	theorems	
	August 20, 2018 to aug	gust 25, 201	8(Week 7)	
20/08/18	kuratowski closure operator	21/08/18	continue	
22/08/18	Id-Ul-Juha	23/08/18	continue	
24/08/18	separable space	25/08/18	lindelof theorem	
	August 27, 2018 to Septe	ember 01, 2	018(Week 8)	
27/08/18	complete lattic	28/08/18	continue	
29/08/18	problems	30/08/18	continuous function	
31/08/18	homeomorphism ,embedding	01/09/18	continue	
	September 03, 2018 to Sep	tember 08,	2018(Week 9)	
03/09/18	Janamashatmi	04/09/18	tychonoff product topology	
05/09/18	continue	06/09/18	projection map	
07/09/18	continue	08/09/18	continue	

	September 10, 2018 to Sep	tember 15,	2018(Week 10)
10/09/18	continue	11/09/18	continuity of a function
12/09/18	continue	13/09/18	To,T1,T2 ,T3 space
14/09/18	continue	15/09/18	continue
	September 17, 2018 to Sep	tember 22,	2018(Week 11)
17/09/18	continue	18/09/18	problems
19/09/18	regular and quotient topological space	20/09/18	continue
21/09/18	continue	22/09/18	continue
	September 24, 2018 to Sep	tember 29,	2018(Week 12)
24/09/18	hausdorffness of quotient space	25/09/18	continue
26/09/18	continue	27/09/18	continue
28/09/18	continue	29/09/18	continue
	October 01, 2018 to Oct	ober 06,201	8(Week 13)
01/10/18	continue	02/10/18	Gandhi Jayanti
03/10/18	Problem	04/10/18	test
05/10/18	completely regular	06/10/18	continue
	October 08, 2018 to Oct	ober 13,201	.8(Week 14)
08/10/18	embedding lemma,embedding theorem	09/10/18	continue
10/10/18	Maharaja Aggarsain Jayanti	11/10/18	normal and T4 space
12/10/18	urysohn's lemma	13/10/18	continue
	October 15, 2018 to Oct	ober 20,201	18(Week 15)
15/10/18	Tietze's extension lemma	16/10/18	continue
17/10/18	definition and examples of filters	18/10/18	Dushehra
19/10/18	continue	20/10/18	ultra filter principle,convergence of filter
	October 22, 2018 to Oct	ober 27,201	8(Week 16)
22/10/18	continue	23/10/18	continue
24/10/18	Mahrishi Valmiki Jayanti	25/10/18	problems
26/10/18	compactness and its properties	27/10/18	continue
	October 29, 2018 to Nove	ember 03,20	018(Week 17)
29/10/18	continue	30/10/18	continue
31/10/18	regular and normality of hausdroff space	01/11/18	Haryana Day
02/11/18	compactness and filter convergence	03/11/18	continue
Vacations from 4 nov. to 11 nov.			
12/11/18	tychonoff product theorem	13/11/18	continue
14/11/18	stone-cech compactification	15/11/18	Conditional test
16/11/18	continue	17/11/18	problems

Name of Assistant/Associate Professor

Class M.Sc previous

GITIKA DUREJA Subject complex analysis

July 13, 2018 to July 14, 2018 (Week 1)						
13/07/18		14/07/18				
	July 16, 2018 to July	/ 21, 2018(V	Veek 2)			
16/07/18		17/07/18				
18/07/18		19/07/18				
20/07/18	Power series, radius of convergence, exp	21/07/18	sum,product,diff of sum function of power series			
	July 23, 2018 to July	/ 28, 2018(V	Veek 3)			
23/07/18	continue	24/07/18	continue			
25/07/18	continue	26/07/18	properties of a diff function with derivative zero			
27/07/18	continue	28/07/18	continue			
	July 30, 2018 to Augu	st 04, 2018	(Week 4)			
30/07/18	expz and its properties	31/07/18	Shahid Udham Singh Shahidi Diwas			
01/08/18	continue	02/08/18	continue			
03/08/18	power of a complex number& its branches	04/08/18	continue			
	August 06, 2018 to Aug	gust 11, 201	8(Week 5)			
06/08/18	continue	07/08/18	def. related to contour,region,domain			
08/08/18	complex integration	09/08/18	Cauchy-Goursat theorem			
10/08/18	Cauchy thm for simply & multiply connected domain	11/08/18	doubts			
	complex ir	tegration				
13/08/18	test	14/08/18	Index or winding number of a closed curve			
15/08/18	Independence Day	16/08/18	continue			
17/08/18	cauchy integral formula	18/08/18	Extension of Cauchy integral formula			
	August 20, 2018 to aug	gust 25, 201	8(Week 7)			
20/08/18	continue	21/08/18	higher order derivative of Cauchy integral formula			
22/08/18	Id-Ul-Juha	23/08/18	Gauss mean value theorem			
24/08/18	numericals on related theorms	25/08/18	continue			
	August 27, 2018 to September 01, 2018(Week 8)					
27/08/18	continue	28/08/18	morera's theorm			
29/08/18	cauchy inequality	30/08/18	zeros of an entire function, rad. of convergence			
31/08/18	numericals on related topic	01/09/18	continue			
September 03, 2018 to September 08, 2018(Week 9)						
03/09/18	Janamashatmi	04/09/18	Liouville's theorem			
05/09/18	Fundamental theorem of algebra	06/09/18	Taylor's theorem			
07/09/18	continue	08/09/18	doubts			

	September 10, 2018 to September 15, 2018(Week 10)				
10/09/18	test	11/09/18	max. and min. modulus principle		
12/09/18	continue	13/09/18	Schwarz Lemma		
14/09/18	continue	15/09/18	singularity, classification, poles and zeros		
	September 17, 2018 to Sep	tember 22,	2018(Week 11)		
17/09/18	numericals on related topic	18/09/18	continue		
19/09/18	continue	20/09/18	continue		
21/09/18	laurent series	22/09/18	continue		
	September 24, 2018 to Sep	tember 29,2	2018(Week 12)		
24/09/18	Cassorati weierstrass theorm	25/09/18	The argument principle		
26/09/18	rouche's theorm (exp)	27/09/18	rouche's theorm		
28/09/18	continue	29/09/18	CONDITIONAL		
	October 01, 2018 to Oct	ober 06,201	8(Week 13)		
01/10/18	inverse function theorm	02/10/18	Gandhi Jayanti		
03/10/18	continue	04/10/18	test		
05/10/18	residue	06/10/18	continue		
	October 08, 2018 to Oct	ober 13,201	8(Week 14)		
08/10/18	continue	09/10/18	continue		
10/10/18	Maharaja Aggarsain Jayanti	11/10/18	continue		
12/10/18	continue	13/10/18	continue		
	October 15, 2018 to Oct	ober 20,201	8(Week 15)		
15/10/18	continue	16/10/18	continue		
17/10/18	continue	18/10/18	Dushehra		
19/10/18	numericals	20/10/18	Bilinear transformation, their properties		
	October 22, 2018 to Oct	ober 27,201	8(Week 16)		
22/10/18	continue	23/10/18	cross ratio & its preservation under B.T		
24/10/18	Mahrishi Valmiki Jayanti	25/10/18	continue		
26/10/18	continue	27/10/18	continue		
October 29, 2018 to November 03,2018(Week 17)					
29/10/18	fixed point bilinear transformation	30/10/18	continue		
31/10/18	CONDITIONAL	01/11/18	Haryana Day		
02/11/18	Normal form of B.T and conformal mapping	03/11/18	continue		
vacations 4 nov. to 11 nov. (week 18)					
12/11/18	continue	13/11/18	conformal mapping		
14/11/18	continue	15/11/18	critical points		
16/11/18	continue	17/11/18	continue		

Name of Assistant/Associate Professor Class M.Sc. Mathematics

Mr. Anoop Subject Differential Equations-I

	July 16, 2018 to July 21, 2018(Week 1)				
20/07/18	Preliminaries	21/07/18	ε-approximate Solution		
	July 23, 2018 to July	y 28, 2018(We	eek 2)		
23/07/18	Equicontinuous set of Functions	24/07/18	Ascoli-Arzela theorem		
25/07/18	Continue	26/07/18	Cauchy-Peano existance theorem		
27/07/18	Differential inequalities and Uniqueness	28/07/18	Continue		
	July 30, 2018 to Augu	ist 04, 2018(V	Veek 3)		
30/07/18	Gronwall's Iquality	31/07/18	Shahid Udham Singh Shahidi Diwas		
01/08/18	Continue	02/08/18	Continue		
03/08/18	Successive approximations	04/08/18	Continue		
	August 06, 2018 to Au	gust 11, 2018	(Week 4)		
06/08/18	Continue	07/08/18	Continue		
08/08/18	Picard-Lindelöf theorem	09/08/18	Continuation of Solution		
10/08/18	Continue	11/08/18	Maximal interval of existance		
	August 13, 2018 to Au	gust 18, 2018	(Week 5)		
13/08/18	Extension theorem	14/08/18	Continue		
15/08/18	Independence Day	16/08/18	Kneses's theorem		
17/08/18	Continue	18/08/18	Continue		
	August 20, 2018 to aug	gust 25, 2018	Week 6)		
20/08/18	Revision	21/08/18	Test		
22/08/18	Id-Ul-Juha	23/08/18	Linear Differential Systems		
24/08/18		25/08/18	Fundamental Matrix		
	August 27, 2018 to Septe	ember 01, 201	l8(Week 7)		
27/08/18	Ajoint Systems	28/08/18	Continue		
29/08/18	Reduction to Smaller Homo. Systems	30/08/18	Continue		
31/08/18	Non Homogeneous Systems	01/09/18	Continue		
	September 03, 2018 to Sep	otember 08, 2	018(Week 8)		
03/09/18	Janamashatmi	04/09/18	Variations of Coefficients		
05/09/18	Continue	06/09/18	Linear Systems with Constant Coefficients		
07/09/18	Talent Search Competition	08/09/18	Talent Search Competition		
September 10, 2018 to September 15, 2018(Week 9)					
10/09/18	Continue	11/09/18	Linear Systems With Periodic Coefficients		
12/09/18	Continue	13/09/18	Floquet theory		
14/09/18	Continue	15/09/18	Continue		
September 17, 2018 to September 22, 2018(Week 10)					
17/09/18	Continue	18/09/18	Revision		

19/09/18	Test	20/09/18	L.D.E. of order n			
21/09/18	Linear combinations	22/09/18	Linear dependence and independence			
	September 24, 2018 to September 29,2018(Week 11)					
24/09/18	Wronskian theory	25/09/18	Conditions for L.I. and L.D. of sol. Of HLDE			
26/09/18	Continue	27/09/18	Abel's Identity			
28/09/18	Fundamental set	29/09/18	Reduction of Order			
	October 01, 2018 to Oct	ober 06,2018	(Week 12)			
01/10/18	Continue	02/10/18	Gandhi Jayanti			
03/10/18	Variations of parameters	04/10/18	Adjoint Equations			
05/10/18	Conditional Test	06/10/18	Lagrange's Identity			
	October 08, 2018 to Oct	ober 13,2018	(Week 13)			
08/10/18	Continue	09/10/18	Green's Formula			
10/10/18	Maharaja Aggarsain Jayanti	11/10/18	Test			
12/10/18	L.E. with constant coefficients	13/10/18	Continue			
	October 15, 2018 to Oct	ober 20,2018	(Week 14)			
15/10/18	Maximal and Minimal Solutions	16/10/18	Continue			
17/10/18	Differential Inquilities	18/10/18	Dushehra			
19/10/18	Continue	20/10/18	Wintner's Theorem			
	October 22, 2018 to Oct	ober 27,2018	(Week 15)			
22/10/18	Wintner's Theorem	23/10/18	Kamke's theorem			
24/10/18	Mahrishi Valmiki Jayanti	25/10/18	Continue			
26/10/18	Nagumo's Theorem	27/10/18	Continue			
	October 29, 2018 to Nove	ember 03,201	8(Week 16)			
29/10/18	Osgood Theorem	30/10/18	System of Differential Equations			
31/10/18	Dependence of Soln. on Initial conditions	01/11/18	Haryana Day			
02/11/18	Annual Athletic Meet	03/11/18	Annual Athletic Meet			

October 29, 2018 to November 03,2018(Week 16)

2/11/2018

Name of Assistant/Associate Professor Class M.Sc Mathematics (sem. 1st) Manju Kundu Subject Advanced Abstract Algebra I

July 13, 2018 to July 14, 2018 (Week 1)					
13/07/18		14/07/18			
	July 16, 2018 to .	luly 21, 201	B(Week 2)		
16/07/18		17/07/18			
18/07/18		19/07/18			
20/07/18	Automorphism of groups	21/07/18	theorems		
	July 23, 2018 to .	luly 28, 201	B(Week 3)		
23/07/18	some more theorem	24/07/18	theorems		
25/07/18	examples	26/07/18	problem discussion		
27/07/18	Inner automorphisms of a group G.	28/07/18	theorems		
	July 30, 2018 to A	ugust 04, 20	18(Week 4)		
30/07/18	some more theorem	31/07/18	Shahid Udham Singh Shahidi Diwas		
01/08/18	examples	02/08/18	problem discussion		
03/08/18	Normalizer of subset of a group	04/08/18	theorems		
	August 06, 2018 to .	August 11, 2	018(Week 5)		
06/08/18	examples	07/08/18	centralizer of subset of a group		
08/08/18	theorems	09/08/18	examples		
10/08/18	problem discussion	11/08/18	Conjugate elements and conjugacy classes.		
	August 13, 2018 to August 18, 2018(Week 6)				
13/08/18	theorems	14/08/18	some more theorem		
15/08/18	Independence Day	16/08/18	examples		
17/08/18	problem discussion	18/08/18	Class equation of a finite group		
	August 20, 2018 to	august 25, 2	018(Week 7)		
20/08/18	theorems	21/08/18	some more theorem		
22/08/18	Id-Ul-Juha	23/08/18	problem discussion		
24/08/18	Derived group	25/08/18	Zassenhau's Lemma		
August 27, 2018 to September 01, 2018(Week 8)					
27/08/18	Normal and Composition series	28/08/18	theorems		
29/08/18	some more theorem	30/08/18	Scheier's refinement theorem		
31/08/18	Jordan Holder theorem	01/09/18	Composition series of groups		
September 03, 2018 to September 08, 2018(Week 9)					
03/09/18	Janamashatmi	04/09/18	theorems		
05/09/18	some more theorem	06/09/18	Caunchy theorem for finite groups		
07/09/18	Sylow p-subgroups	08/09/18	Sylow's Ist		

September 10, 2018 to September 15, 2018(Week 10)				
10/09/18	Sylow's 2nd theorem	11/09/18	Sylow's 2nd theorem	
12/09/18	Characteristic of a ring with unity	13/09/18	Prime fields Z/pZ and Q.	
14/09/18	Field extensions	15/09/18	Algebraic and transcendental elements	
	September 17, 2018 to S	eptember 2	2, 2018(Week 11)	
17/09/18	Simple field extensions	18/09/18	polynomial of an algebraic element.	
19/09/18	theorems	20/09/18	Conjugate elements	
21/09/18	Algebraic extensions	22/09/18	Algebraic extensions	
	September 24, 2018 to S	eptember 2	29,2018(Week 12)	
24/09/18	finitely generated algebraic extensions	25/09/18	Algebraic closure	
26/09/18	Splitting fields	27/09/18	finite fields and Normal extensions	
28/09/18	conditional test I	29/09/18	problem discussion	
	October 01, 2018 to 0	October 06,2	2018(Week 13)	
01/10/18	some more theorems	02/10/18	Gandhi Jayanti	
03/10/18	examples	04/10/18	theorems	
05/10/18	Separable elements	06/10/18	separable polynomials and separable extensions	
	October 08, 2018 to 0	October 13,2	2018(Week 14)	
08/10/18	primitive element	09/10/18	some more theorems	
10/10/18	Maharaja Aggarsain Jayanti	11/10/18	Perfect fields	
12/10/18	Galois extensions	13/10/18	some more theorems	
	October 15, 2018 to 0	October 20,2	2018(Week 15)	
15/10/18	Dedekind lemma	16/10/18	Frobenius automorphism	
17/10/18	Klein's 4-group	18/10/18	Dushehra	
19/10/18	Diheadral group	20/10/18	Galois groups of polynomials	
	October 22, 2018 to 0	October 27,2	2018(Week 16)	
22/10/18	some more theorems	23/10/18	Fundamental theorem of Algebra	
24/10/18	Mahrishi Valmiki Jayanti	25/10/18	Solvable groups	
26/10/18	Derived series of a group G	27/10/18	Problem discussion	
	October 29, 2018 to N	ovember 03	,2018(Week 17)	
29/10/18	conditional test II	30/10/18	Simplicity of the Alternating group An	
31/10/18	Non-solvability of the symmetric group Sn	01/11/18	Haryana Day	
02/11/18	Roots of unity Cyclotomic polynomials	03/11/18	Galois radical extensions	
	VACATIONS FROM 4 NOV. 2	018 TO 11 N	IOV. 2018	
12/11/18	Theorems	13/11/18	some more theorem	
14/11/18	examples	15/11/18	some more examples	
16/11/18	theorems	17/11/18	test	

Name of Assistant/Associate Professor Class M.Sc. Mathematics Mr.Amit Subject Real Analysis -I

	July 16, 2018 to July 21, 2018(Week 2)				
20/07/18	Riemann Stieltjes Integral	21/07/18	Continue		
	July 23, 2018 to July	/ 28, 2018(V	Veek 3)		
23/07/18	Continue	24/07/18	Continue		
25/07/18	Continue	26/07/18	Properties of The Integral		
27/07/18	Continue	28/07/18	Continue		
	July 30, 2018 to Augu	st 04, 2018	(Week 4)		
30/07/18	Integration and Differentiation	31/07/18	Shahid Udham Singh Shahidi Diwas		
01/08/18	Continue	02/08/18	Continue		
03/08/18	Fundamental Theorem of Calculus	04/08/18	Continue		
	August 06, 2018 to Aug	gust 11, 201	8(Week 5)		
06/08/18	Integration By Parts	07/08/18	Continue		
08/08/18	Integration of Vecor Valued Functions	09/08/18	Continue		
10/08/18	Continue	11/08/18	Rectifiable Curves		
	August 13, 2018 to Aug	gust 18, 201	8(Week 6)		
13/08/18	Continue	14/08/18	Revision		
15/08/18	Independence Day	16/08/18	Test		
17/08/18	Pointwise And Uniform Convergence	18/08/18	Continue		
	August 20, 2018 to aug	gust 25, 201	8(Week 7)		
20/08/18	Cauchy's Criterion for Uniform Convergence	21/08/18	Weirstrass M-Test		
22/08/18	ld-Ul-Juha	23/08/18	Continue		
24/08/18	Abel's Test and Dirichlet's Test	25/08/18	Abel's Test and Dirichlet's Test		
	August 27, 2018 to September 01, 2018(Week 8)				
27/08/18	Uniform Convergence and Continuity	28/08/18	U.C. and Riemann Stieltjes Integration		
29/08/18	Continue	30/08/18	U.C. and Differentiation		
31/08/18	Continue	01/09/18	Existance of Real Valued Nowhere Diff. Fn.		
September 03, 2018 to September 08, 2018(Week 9)					
03/09/18	Janamashatmi	04/09/18	Test		
05/09/18	Equicontinuous Family of Functions	06/09/18	Continue		
07/09/18	Talent Search Competition	08/09/18	Talent Search Competition		

	September 10, 2018 to September 15, 2018(Week 10)				
10/09/18	Weierstrass Approximation Theorem	11/09/18	Continue		
12/09/18	Continue	13/09/18	Continue		
14/09/18	Revision	15/09/18	Test		
	September 17, 2018 to Sep	tember 22,	2018(Week 11)		
17/09/18	Functions Of Several Variables	18/09/18	Linear Transformations		
19/09/18	Continue	20/09/18	Derivative in an Open Subset of Rn		
21/09/18	Continue	22/09/18	Chain Rule		
	September 24, 2018 to Sep	tember 29,	2018(Week 12)		
24/09/18	Partial Derivatives	25/09/18	Directional Derivatives		
26/09/18	Contraction Principle	27/09/18	Inverse Function Theorem		
28/09/18	Continue	29/09/18	Implicit Function Theorem		
	October 01, 2018 to Oct	ober 06,201	8(Week 13)		
01/10/18	Conditional Test	02/10/18	Gandhi Jayanti		
03/10/18	Jacobians	04/10/18	Extremum Problem With Constraints		
05/10/18	Lagrange's Multiplier Method	06/10/18	Continue		
	October 08, 2018 to Oct	ober 13,201	8(Week 14)		
08/10/18	Continue	09/10/18	Derivatives of Higher Order		
10/10/18	Maharaja Aggarsain Jayanti	11/10/18	Mean Value Theorem		
12/10/18	Continue	13/10/18	Interchange of Order of Differentiation		
	October 15, 2018 to Oct	ober 20,201	8(Week 15)		
15/10/18	Continue	16/10/18	Differentiation of Integrals		
17/10/18	Continue	18/10/18	Dushehra		
19/10/18	Power Series	20/10/18	Uniqueness Theorem for Power Series		
	October 22, 2018 to Oct	ober 27,201	8(Week 16)		
22/10/18	Continue	23/10/18	Abel's And Tauber's Theorem		
24/10/18	Mahrishi Valmiki Jayanti	25/10/18	Continue		
26/10/18	Taylor'sTheorem	27/10/18	Exponential and Logarithm Fuctions		
October 29, 2018 to November 03,2018(Week 17)					
29/10/18	Fourier Series	30/10/18	Conditional Test		
31/10/18	Gamma Function	01/11/18	Haryana Day		
02/11/18	Annual Athletic Meet	03/11/18	Annual Athletic Meet		