

महाराणा प्रताप पी.जी. कालेज, जंगल धूसड़, गोरखपुर

कक्षा : बी.एस-सी. भाग-तीन			पाठ्यक्रम योजना : सत्र 2016-2017		विषय : गणित
Date	Lect.no.	Teachers name	Papers	Topics	Title
16.7.16	1	s.m.t.	iv	Motion of 3..D	Based theorem
	1	p.k.d.	i	Basic term of metrics spaces	Definition examples
18.7.16	2	s.m.t.	iv	Motion in 3D	Based theorem
	2	p.k.d.	i	Basic term of metrics spaces	Based problem
19.7.16	1	s.m.t.	v	L.P.P.	Convex set
	3	p.k.d.	i	Metric space	Based theorem
20.7.16	2	S.m.t.	V	L.PP.	Convex set
	1	p.k.d.	ii	Integral domain	Law of transformation
21.7.16		s.m.t.		C.T.	
	2	p.k.d.	ii	Integral domain	Based theorem
22.7.16	1	S,m,t	iii	Tensor algebra	Transformation of coordinate
	4	p.k.d.	i	Metrics spaces	Based theorem
23.7.16	3	S.m.t.	Iv	Motion of 3D	Based theorem
	5	p.k.d.	i	Sequences space	Based theorem
25.7.16	4	s.m.t.	Iv	Motion of 3D	Based theorem
	6	p.k.d.	I	Sequences spaces	Based theorem
26.7.16	3	s.m.t.	V	L.PP	Two variable
	3	p.k.d.	ii	Integral transformation	Based theorem
27.7.16	4	s.m.t	V	L.PP.	Graphical method
	4	p.k.d.	ii	INTEGRAL TRANSFORM	Based theorem
28.7.16	2	s.m.t	iii	Contravariant vector	Based theorem

		p.k.d.	...	C.T.	
29.7.16	5	s.m.t.	iv	Motion in 3D	Based articles
	7	p.k.d.	I	Metrics spaces	Theorem
30.7.16	6	s.m.t.	Iv	Motion in 3D	Based articles
	8	p.k.d.	I	Euclidean spaces	Based theorem
1.8.16	5	s.m.t.	V	L.pp	Standard form
	9	p.k.d.	i	Bounded metrics spaces	Based theorem
2.8.16	6	S.m.t.	V	L.pp	Slack variables
	5	p.k.d.	ii	Integral transform	Based theorem
3.8.16	...	s.m.t.	iii	Scalar invariant	Based theorem
	6	p.k.d.	ii	Integral transform	Based theorem
4.8.46	.....	s.m.t.	....	C.T	
		p.k.d.	i	Integral transform	Based theorem
5.8.16	7	S.m.t.	Iv	Motion in 3D	Based theorem
	11	p.k.d.	I	Open sphere	Definition
8.8.16	8	s.m.t.	Iv	Motion in 3D	Based theorem
	12	p.k.d.	i	Open sphere	Based problem
9.8.16.	7	s.m.t.	V	L.PP	Surplus variable
	7	p.k.d.	ii	Integral transform	Based theorem
10.8.16	8	s.m.t.	V	L.p.p.	Basic solution of l.pp.
	8	p.k.d.	ii	Integral domain	Based problem
11.8.16	3	s.m.t.	lii	Scalar product of two variable	.....
	13	p.k.d.	i	Interior set	Based theorem
12.8.16	9	s.m.t.	iv	M.I.	BASED ARTICAL
	..	p.k.d.		C..T..	

13.8.16	10	S.M.T.	Iv	M.I	Based article
	14	p.k.d.	I	Interior set	Based theorem
16.8.16.	9	s.m.t.	V	L.PP	Simplex
	15	p.k.d	i	Closed set	Based theorem
17.8.16	10	s.m.t	V	Lpp	SIMPLEX
	9	p.k.d.	ii	Integral transform	Based theoem
19.8.16	4	s.m.t.	iii	Scalar product of two variable	Based theorem
	10	p.k.d.	ii	Integral transform	Based theorem
20.8.16	11	s.m.t.	iv	M.I	Based theorem
	16	p.k.d	i	Closed set	Based theorem
22.8.16	....	s.m.t,	....	C.T.	.....
	17	p.k.d.	i	Closed set	Based theorem
23.8.16	12	s.m.t.	iv	M.I.	Based artical
	18	p.k.d.	i	Boundary of set	Based theorem
24.8.16	11	s.m.t	v	duality	Problem
	11	p.k.d.	ii	Analytic function	Def. example
26.8,16	12	s.m.t.	v	duality	Problem
	12	p.k.d.	i	Analytics function	example
27.8.16	5	s.m.t	iii	Tensor of any order	Based theorem
	19	p.k.d.	i	Closure set	Based theorem
29.8.16.	13	s.m.t.	iv	G.eq. of motion	Based articles
	20	p.k.d.	i	Dense set	Based theorem
30.8.16	14	s.m.t.	iv	G.E.of motion	Based articles
		p.k.d,		C.T/Evaluation	
31.8.16	13	s.m..t.	V	Duality	Fundamental theorem

	21	p.k.d.	i	Bases	Def. examples
1.9.16	14	s.m.t.	V	duality	Symmetric
	13	p.k.d.	ii	Analytic function	Based theorem
2.9.16	15	s.m.t.	Iv	g.e. of motion	Based artical
	14	p.k.d.	ii	Analytical function	Based theorem
3.9.16	16	s.m.t.	Iv	g.e. of motion	Based artical
	22	p.k.d.	I	Bases and axioms of countability	Based theorems
5.9.16	15	s.m.t.	V	duality	Based problem
	23	p.k.d.	i	Subspace and product space	Based theorems
6.9.16		s.m.t.		C.T	
	24	p.k.d.	i	Subspace and product space	Based theorems
7.9.16	16	s.m.t.	V	Duality	Dual of mixed system
	15	p.k.d.	ii	Complex integration	Based theorem
8.9.16	6	s.m.t.	Iii	Tensor of any order	Based theorem
	16	p.k.d.	ii	Complex integration	Based theorem
9.9.16	17	s.m.t.	Iv	g.e of motion	Based artical
	25	p.k.d.	i	Subspace and product space	Based theorem
10.9.16	18	s.m.t.	Iv	g.e of motion	Based artical
	26	p.k.d.	i	Subspace	Based theorem and problem
14.9.16	17	s.m.t.	V	i.p.p	Introduction
	27	p.k.d.	I	Compactness	Based examples,Definiton
15.9.16	18	s.m.t.	v	i.p.p	Pure,Mixed i.p.p
		p.k.d.		C.T	
16.9.16	7	s.m.t.	Iii	Symmetric tensor	
	17	p.k.d.	ii	Complex integration	Based theorems

20.9.16	19	s.m.t	Iv	Motion about a fixed axis	Artical
	18	p.k.d	ii	Complex integration	Based theorem
21.9.16	20	s.m.t	Iv	m.f.axis	Artical
	28	p.k.d	i	compactness	Compact space definition
22.9.16	19	s.m.t	V	i.p.p	Method of solution
	29	p.k.d	i	compactness	Based theorems
23.9.16	20	s.m.t	V	i.p.p	Gomory cutting plane
	30	p.k.d	i	compactness	Based theorems
24.9.16		s.m.t		c.t/(evaluation)	
	19	p.k.d	ii	Complex integration	Based theorems
26.9.16	8	s.m.t	lii	Skew-symmetric tensor	Based theorem
	20	p.k.d	ii	Complex integration	Based theorem
27.9.16	21	s.m.t	Iv	m.f.axis	Articles
	31	p.k.d	I	compactness	Based theorem
28.9.16	22	s.m.t	Iv	m.f.axis	Based theorem
	32	p.k.d	I	compactness	Based theorem
29.9.16	21	s.m.t	V	I.pp	Branch methored
	33	p.k.d	I	Complex integration	Based theorem
3.10.16	22	s.m.t	V	I.pp	Bound theorem
	21	p.k.d	li	Complex integration	Based theorem
4.10.16	9	s.m.t	lii	Addition and multiplication of tensor	Based theorem
	.....	p.k.d		C.T	
5.10.16	23	s.m.t	Iv	M.F.axis	Articles

	22	p.k.d	li	Complex integration	Based theorem
6.10.16	24	s.m.t	Iv	Forces in 3..D	Articals
	34	p.k.d	I	Compact ness	Based theorem
7.10.16	23	s.m.t	V	I.pp	Zero one intergers
	35	p.k.d	I	Compactness	Based theorems
8.10.16	24	s.m.t	V	I.pp	Application
	36	p.k.d	I	compactness	Based theorem
14.10.16	10	s.m.t	lii	Contravariet and quotient law	Based theorem
	23	p.k.d	li	Complex integration	Based theorem
15.10.16	.....	s.m.t		C.T.	
	24	p.k.d	li	Complex integration	Based theorem
17.10.16	25	s.m.t	Iv	Force in 3 D	Articles
	37	p.k.d	I	compactness	B.W.P.
18.10.16	26	s.m.t	Iv	Force in 3.D	Articles
	38	p.k.d	I	compactness	B.W.P.
.19.10.16	25	s.m.t	V	Transportation	Mathematics formulation
	39	p.k.d	I	Compactness	Based theorem
.20.10.16	26	s.m.t	V	Transportation	Balanced transporation
	25	p.k.d	li	singularities	Def. and example
.21.10.16	11	s.m.t	lii	Fundamental tensor	Based theorem
	26	p.k.d	li	Singularities	Based problems
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.22.10.16	27	s.m.t	Iv	Force in 3D	Central axis

		p.k.d		C.T./ evaluation	
.24.10.16	28	s.m.t	Iv	Force in 3D	WRENCHES
	40	p.k.d	I	Continuity	Based example
.25.10.16	27	s.m.t	V	Transportation	optimally test
	41	p.k.d	I	Continuity	Based theorem
.26.10.16	28	s.m.t	V	Transportation	Modified distribution
	42	p.k.d	I	Homomorphism	Based theorem
.2.11.16	12	s.m.t	lii	Christoffel symbol	Based theorem
	27	p.k.d	li	Singularity	Based problem
3.11.16	29	s.m.t	Iv	Force in 3D	Wrencehes based problem
	28	p.k.d	li	Singularity	Based problem
4.11.16	....	s.m.t		C.T.	
	43	p.k.d	I	Homomorphism	Based problem
5.11.16	30	s.m.t	Iv	Force in 3D	Null line
	44	p.k.d	I	Homomorphism	Based theorem
8.11.16	29	s.m.t	V	Assignment problem	Mathematical formulation
	45	p.k.d	I	Continuity	Based theorem
9.11.16	30	s.m.t	V	Assignment problem	Based theorem
	29	p.k.d	li	Calculus of residue	Based problem
10.11.16	13	s.m.t	lii	Law of transformation	Based theorem
	30	p.k.d	li	Calculus of residue	Based problem
11.11.16	31	s.m.t	Iv	Force in 3D	Null plane
	46	p.k.d	I	Continuity	Based problem
12.11.16	32	s.m.t	Iv	Force in 3D	Null line based problem
	.....	p.k.d		C.T,	
15.11.16	31	s.m.t	V	Assignment problem	Based problem

	47	p.k.d	I	Continuity	Based theorem
17.11.16	32	s.m.t	V	Assignment problem	Hungarian method
	48	p.k.d	I	Continuity	Based problem
18.11.16	14	s.m.t	lii	Christoffel symbol	.....
	31	p.k.d	li	Calculus of residue	Based theorem
19.11.16	33	s.m.t	Iv	Force in 3D	Conjugate line
	32	p.k.d	li	Calculus of residue	Based theorem
21.11.16	34	s.m.t	Iv	Force in 3D	Conjugate line based problem
	49	p.k.d	I	Continuity	Based theorem
22.11.16	.....	s.m.t		C.T.	
	50	p.k.d	I	Continuity	Based theorem
23.11.16	15	s.m.t	lii	Covariant derivatives of covariant vector	Based theorem
	51	p.k.d	I	continuity	Based theorem
25.11.16	16	s.m.t	lii	Covariant derivatives of the contravariant vector	Based theorem
	33	p.k.d	li	Calculus of residue	Based theorem
26.11.16	33	s.m.t	V	Assignment problem	Travelling salesman problem
	34	p.k.d	li	Calculus of residue	Based problem
28.11.16	35	s.m.t	Iv	Force in 3D	Based articles
	52	p.k.d	I	Completeness	Introduction
29.11.16	36	s.m.t	Iv	Force in 3D	Conjugate force based problem
	53	p.k.d	I	Completeness	Based theorem
30.11.16	17	s.m.t	lii	Covariant diff.of tensor	Based theorem
	.....	p.k.d		C.T./ evaluation	
1.12.16	18	s.m.t	lii	Curvature tensor	Based theorem
	54	p.k.d	I	Sequence and subsequence	Based theorem

2.12.16	34	s.m.t	V	Game theory	Characteristics of game
	35	p.k.d	li	Calculus of residue	Based theorem
3.12.16	37	s.m.t	Iv	University problem	2010
	36	p.k.d	li	Calculus of residue	Based problem
6.12.16	38	s.m.t	Iv	University problem	2010
	55	p.k.d	I	Sequence	Based problem
7.12.16	19	s.m.t	lii	Ricci theorem	Based theorem
	56	p.k.d	I	Cauchy sequence	Based theorem
8.12.16	.....	s.m.t		C.T.	Based theorem
	57	p.k.d	I	Baires category	Based theorem
9.12.16	20	s.m.t	lii	Curvature tensor	Based theorem
	37	p.k.d	li	Calculus of residue	Based theorem
12.12.16	21	s.m.t	lii	Curve in space	Regular space
	38	p.k.d	li	Calculus of residue	Based theorem
14.12.16	39	s.m.t	Iv	University problem	2011
	58	p.k.d	I	Connectedness	Based problem
15.12.16	40	s.m.t	Iv	University problem	2011
	59	p.k.d	I	Connectedness	Based theorem
16.12.16	22	s.m.t	lii	Curve in space	Tangent normal
	60	p.k.d	I	Connectedness	Based theorem
17.12.16	23	s.m.t	lii	Curve in space	Principal normal
	.....	p.k.d		C.T.	
19.12.16	24	s.m.t	lii	Curve in space	Based theorem
	39	p.k.d	li	Calculus of variation	Based problems
20.12.16	41	s.m.t	Iv	University problems	2011
	40	p.k.d	li	Calculus of variation	Based problem

21.12.16	42	s.m.t	Iv	University problem	2012
	61	p.k.d	I	Connected	Based theorem
22.12.16	25	s.m.t	lii	Curves in space	Secret formula
	62	p.k.d	I	Connected	Based theorem
24.12.16	26	s.m.t	lii	Curve in space	Contact between curve
	63	p.k.d	I	Connectedness	Based theorem
26.12.16	.....	s.m.t		C.T./EVAIUTION	
	41	p.k.d	li	Calculus of variation	Based theorem
27.12.16	27	s.m.t	lii	Curve in space	Normal plane
	42	p.k.d	li	Calculus of variation	Based theorem
28.12.16	43	s.m.t	Iv	University problem	2013
	64	p.k.d	I	Connectedness	Based theorem
29.12.16	44	s.m.t	Iv	University problem	2013
	65	p.k.d	I	Connectedness	Based theorem
30.12.16	28	s.m.t	lii	Curve in space	Osculating sphere
	66	p.k.d	I	Connectedness	Based theorem
31.12.16	29	s.m.t	lii	Curve in space	Helix
	43	p.k.d	li	Calculus of variation	Based theorem
2.1.17	30	s.m.t	lii	Curve in space	Involutes
	.....	p.k.d		C.T.	
3.1.17	45	s.m.t	Iv	University problem	2014
	44	p.k.d	li	Calculus of variation	Based theorem
4.1.17	46	s.m.t	Iv	University problem	2014
	1	p.k.d	V	Transportation problem	Deff.,example
6.1.17	31	s.m.t	lii	Theory of surface	Fundamental form
	2	p.k.d	V	Transportation problem	Based problem

.7.1.17	32	s.m.t	lii	Theory of surface	surface of revolution
	3	p.k.d	V	Transportation problem	Based problem
9.1.17	33	s.m.t	lii	Theory of surface	Orthogonal trajectories
	4	p.k.d	V	Transportation problem	Based problem
10.1.17	.....	s.m.t		C.T.	
	5	p.k.d	V	Assignment problem	Def. And example
.11.1.17	47	s.m.t	Iv	University problem	2014
	6	p.k.d	V	Assignment problem	Based theorem
12.1.17	48	s.m.t	Iv	University problem	2014
	7	p.k.d	V	Assignment problem	Based problem
13.1.17	34	s.m.t	lii	Theory of surface	Second fundamental form
	8	p.k.d	V	Assignment problem	Based problem
16.1.17	35	s.m.t	lii	Theory of surface	Meusnier's theory
	9	p.k.d	V	Assignment problem	Based problem
17.1.17	36	s.m.t	lii	Theory of surface	Euler's theorem
	10	p.k.d	I	University problem	2012
.18.1.17	49	s.m.t	Iv	University problem	2015
	.....	p.k.d		C.T.	
19.1.17	50	s.m.t	Iv	University problem	2015
	11	p.k.d	I	University problem	2013
20.1.17	37	s.m.t	lii	Theory of surface	Beltrami theorem
	12	p.k.d	I	University problem	2014
21.1.17	38	s.m.t	lii	Theory of surface	Isometrics
	13	p.k.d	I	.....	University problem ..2014
23.1.17	39	s.m.t	lii	Theory of surface	Codazzi theorem
	14	p.k.d	li	University problem	2012

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