

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

कक्षा : बी.ए. भाग-तीन					विषय : गणित
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.2013	1	S.M.T.	III	Basic concept	n-dimensional space superscript and subscript
16.07.2013	1	P.K.D.	I	Basic terms of metric space	Definitions
17.07.2013	2	S.M.T.	III	Basic concept	
17.07.2013	2	P.K.D.	I	Basic terms of metric space	Based problems
18.07.2013	1	S.M.T.	IV	Motion in three dimensions	Acc. of a particle in terms of spherical polar coordinate
18.07.2013	3	P.K.D.	I	Metric space	
19.07.2013	2	S.M.T.	IV	Motion in 3D	Cylindrical polar co-ordinate
19.07.2013	1	P.K.D.	II	Integral transform	Based Theorem
20.07.2013	1	S.M.T.	V	OR introduction	Nature, definition OR, scope of OR
20.07.2013	2	P.K.D.	II	Integral transform	Based theorem
22.07.2013		S.M.T.		Class Teaching	
22.07.2013		P.K.D.		Class Teaching	
23.07.2013	3	S.M.T.	III	Basic Concept	Free index, kronecker
23.07.2013	4	P.K.D.	I	Metric space	
24.07.2013	4	S.M.T.	III	Basic concept	
24.07.2013	5	P.K.D.	I	Sequence space and function space	Based problems
25.07.2013	3	S.M.T.	IV	Motion in 3D	Motion of a heavy particle on a smooth sphere
25.07.2013	6	P.K.D.	I	Sequence space and function space	Based Problem
26.07.2013	4	S.M.T.	IV	Motion in 3D	Particle moves in a curves their being no friction
26.07.2013	3	P.K.D.	II	Integral Transform	Based theorem
27.07.2013	2	S.M.T.	V	Allocation	General linear Programming
27.07.2013	4	P.K.D.	II	Integral transform	Based theorem
29.07.2013		S.M.T.		Class Teaching	
29.07.2013		P.K.D.		Class Teaching	
30.07.2013	5	S.M.T.	III	Basic concept	Theorems, problems
30.07.2013	7	P.K.D.	I	Basic concept	Theorems, problems
31.07.2013	6	S.M.T.	III	Basic concept	Articles, problems
31.07.2013	8	P.K.D.	I	Euclidean metric space	Based problems

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01.08.2013	5	S.M.T.	IV	Motion in 3D	Motion on a smooth surface
01.08.2013	9	P.K.D.	I	Bounded and unbounded metric sapce	Based problem
03.08.2013	6	S.M.T.	IV	Motion in 3D	Based problem
03.08.2013	5	P.K.D.	II	Integral transform	Based theorem
05.08.2013	3	S.M.T.	V	Allocation	Graphical method
05.08.2013	6	P.K.D.	II	Integral transform1	Based theorem
06.08.2013		S.M.T.		Class Teaching	
06.08.2013		P.K.D.		Class Teaching	
07.08.2013	7	S.M.T.	III	Vectors and tensons	Contravariant vectors covariant vectors
07.08.2013	10	P.K.D.	I	Bounded and unbounded metric space	Based problem
08.08.2013	8	S.M.T.	III	Vectors and tensors	Tensor of second order mixed tensor
08.08.2013	11	P.K.D.	I	Open spheres and open sets	Definitions and theorems
10.08.2013	7	S.M.T.	IV	Force in 3D	General condition of equilibrium
10.08.2013	12	P.K.D.	I	Open spheres and open sets	Definitions and theorems
12.08.2013	8	S.M.T.	IV	Force in 3D	Equilibrium based theorem
12.08.2013	7	P.K.D.	II	Integral transform	
13.08.2013	4	S.M.T.	V	Allocation	Articles, defination and theorem
13.08.2013	8	P.K.D.	II	Integral transform	
14.08.2013		S.M.T.		Class Teaching	
14.08.2013		P.K.D.		Class Teaching	
16.08.2013	9	S.M.T.	III	Vectors and tensors	Tensor of any order, articles
16.08.2013	13	P.K.D.	I	Interior set	Theormes
17.08.2013	10	S.M.T.	III	Vectors and tensors	Symmetric and skew symmetric tensors
17.08.2013	14	P.K.D.	I	Interior set	Theorems
19.08.2013	9	S.M.T.	IV	Force in 3D	Equation of central axis
19.08.2013	15	P.K.D.	I	Closed sets and their properties	Theorems
20.08.2013	10	S.M.T.	IV	Force in 3D	Moment of force about a line
20.08.2013	9	P.K.D.	II	Integral transform	

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22.08.2013	5	S.M.T.	V	Allocations	Advantage, Limitation of Linear programming
22.08.2013	10	P.K.D.	II	Integral transform	
23.08.2013		S.M.T.		Class Teaching	
23.08.2013		P.K.D.		Class Teaching	
24.08.2013	11	S.M.T.	III	Tensor algebra	Addition and subtraction of tensor
24.08.2013	16	P.K.D.	I	Closed set and their properties	Theorems
26.08.2013	12	S.M.T.	III	Tensor algebra	Outer product contraction
26.08.2013	17	P.K.D.	I	Closure of a set and boundary of set	Theorems
27.08.2013	11	S.M.T.	IV	Force in 3D	Resolution of a system of forces in two forces
27.08.2013	18	P.K.D.	I	Closure of a set and boundary of set	Theorems
29.08.2013	12	S.M.T.	IV	Force in 3D	Resultant of two given wrenches
29.08.2013	11	P.K.D.	II	Analytic function	Differentiation of Analytic function
30.08.2013	6	S.M.T.	V	Allocations	Problems
30.08.2013	12	P.K.D.	II	Analytic function	Based theorem
31.08.2013		S.M.T.		Evaluation	
31.08.2013		P.K.D.		Evaluation	
02.09.2013	13	S.M.T.	III	Tensor and algebra	Inner product, quotient law
02.09.2013	19	P.K.D.	I	Dense set	Theorems
03.09.2013	14	S.M.T.	III	Tensor algebra	Articles and problems
03.09.2013	20	P.K.D.	I	Dense set	Theorems
04.09.2013	13	S.M.T.	IV	Force in 3D	Null, line, Null Plane Null point
04.09.2013	21	P.K.D.	I	Bases and axioms of countability	Defintions
05.09.2013	14	S.M.T.	IV	Force in 3D	Equation of Null point
05.09.2013	13	P.K.D.	II	Analytic function	Based theorem
06.09.2013	7	S.M.T.	V	Simples method	Problems
06.09.2013	14	P.K.D.	II	Analytic function	Based examples
07.09.2013		S.M.T.		Class Teaching	
07.09.2013		S.M.T.		Class Teaching	

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09.09.2013	15	S.M.T.	III	Ricmannian metric	Riemannian metric
09.09.2013	22	P.K.D.	I	Bases and axioms of countability	Theorems
10.09.2013	16	S.M.T.	III	Richmannian metric	Christoffel Symbols
10.09.2013	23	P.K.D.	I	Subspace and product space	Theorems
11.09.2013	15	S.M.T.	IV	Force in 3D	Condition for a st. line to be a null line
11.09.2013	24	P.K.D.	I	Subspace and product space	Theorems
12.09.2013	16	S.M.T.	IV	Force in 3D	Equation of conjugate
12.09.2013	15	P.K.D.	II	Compex integration	Based theorem
13.09.2013	8	S.M.T.	V	Simplex method	Problems
13.09.2013	16	P.K.D.	II	Compex integration	Based theorem
14.09.2013		S.M.T.		Class Teaching	
14.09.2013		P.K.D.		Class Teaching	
16.09.2013	17	S.M.T.	III	Ricmannian metric	Christoffel Symbols
16.09.2013	25	P.K.D.	I	Subspace and product space	Theorems and problems
17.09.2013	18	S.M.T.	III	Ricmannian metric	Christoffel Symbols
17.09.2013	26	P.K.D.	I	Subspace and product space	Theorems and problems
20.09.2013	17	S.M.T.	IV	D Alembert's principle	Introduction, equation equation of motion of a rigid body
20.09.2013	27	P.K.D.	I	Compactness	Examples
21.09.2013	18	S.M.T.	IV	D' Alembert's principle	D' Alemberts principle theorem
21.09.2013	17	P.K.D.	II	Complex integration	Derivative of an Analytic function
23.09.2013	9	S.M.T.	V	Simplex method	Problems
23.09.2013	18	P.K.D.	II	Complex integration	Based theorems
24.09.2013		S.M.T.		Class Teaching/Evaluation	
24.09.2013		P.K.D.		Class Teaching/Evaluation	
25.09.2013	19	S.M.T.	III	Covariant diff.	Articles
25.09.2013	28	P.K.D.	I	Compactness	Compact space definition
26.09.2013	20	S.M.T.	III	Covariant diff.	Articles
26.09.2013	29	P.K.D.	I	Compactness	Based theorem
27.09.2013	19	S.M.T.	IV	D' Allemberts principle	Principle of the conservation of linear momentum

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27.09.2013	20	P.K.D.	I	Compactness	Based theorem
28.09.2013	20	S.M.T.	IV	D'Alemberts principle	Angular momentum
28.09.2013	19	P.K.D.	II	Complex Integration	Based theorem
30.09.2013	10	S.M.T.	V	Convex set	Theorems
30.09.2013	20	P.K.D.	II	Complex integration	Based theorems
01.10.2013		S.M.T.		Class Teaching	
01.10.2013		P.K.D.		Class Teaching	
03.10.2013	21	S.M.T.	III	Cavariant diff.	Ricci theorem
03.10.2013	31	P.K.D.	I	Compatness	Based theorem
07.10.2013	22	S.M.T.	III	Cavariant diff.	Articals
07.10.2013	32	P.K.D.	I	Compactness	Based theorem
08.10.2013	21	S.M.T.	IV	D'Alemberts principle	Conservation of linear movement incase of impulsive force
08.10.2013	33	P.K.D.	I	Compactness	Based theorem
09.10.2013	22	S.M.T.	IV	D'Alemberts principle	Angular momentum in case of impulsive force
09.10.2013	21	P.K.D.	II	Complex integration	Based theorems
10.10.2013	11	S.M.T.	V	Convex set	Theorems
10.10.2013	22	P.K.D.	II	Complex integration	Based theorems
11.10.2013		S.M.T.		Class Teaching	
11.10.2013		P.K.D.		Class Teaching	
17.10.2013	23	S.M.T.	III	Ricci Tensor	Curvature tensor
17.10.2013	34	P.K.D.	I	Compactness	Based thorem
19.10.2013	24	S.M.T.	III	Ricci tensor	Ricci tensor
19.10.2013	35	P.K.D.	I	Compactness	Based theorem
21.10.2013	23	S.M.T.	IV	D'Alembert principle	Principle of energy
21.10.2013	36	P.K.D.	I	Compactness	Based theorem
22.10.2013	24	S.M.T.	IV	D'Alembert principle	Principle of conservation of energy
22.10.2013	23	P.K.D.	II	Complex integratin	Based theorem
23.10.2013	12	S.M.T.	V	Duality	Problems
23.10.2013	24	P.K.D.	II	Complex integration	Based theorems

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24.10.2013		S.M.T.		Class Teaching/Evaluation	
24.10.2013		P.K.D.		Class Teaching/Evaluation	
25.10.2013	25	S.M.T.	III	Ricci tensor	Articals
25.10.2013	37	P.K.D.	I	Compactness	Based theorem
26.10.2013	26	S.M.T.	III	Ricci tensor	Articals
26.10.2013	38	P.K.D.	I	Compactness	B.W.P. properties
28.10.2013	25	S.M.T.	IV	D' alembert principle	Motion of centre of inertia
28.10.2013	39	P.K.D.	I	Compactness	B.W.P. properties
29.10.2013	26	S.M.T.	IV	D' Alembert principle	K.E. relative to centre of inertia
29.10.2013	25	P.K.D.	II	Singularities	Based theorem
30.10.2013	13	S.M.T.	V	Duality	Problems
30.10.2013	26	P.K.D.	II	Singularities	Based theorems
06.11.2013		S.M.T.		Class Teaching	
06.11.2013		P.K.D.		Class Teaching	
07.11.2013	27	S.M.T.	III	Curve in space	Eq. of curve in space length of curve length of curve
07.11.2013	40	P.K.D.	I	Continuity	Based theorem
08.11.2013	28	S.M.T.	III	Curve in space	Tangent to a curve order of contact between curves
08.11.2013	41	P.K.D.	I	Continuity	Based theorem
09.11.2013	27	S.M.T.	IV	Motion about a fixed asix	Effective forces
09.11.2013	42	P.K.D.	I	Properties of continuous	
11.11.2013	28	S.M.T.	IV	Motion about a fixed axis	K.E. of the body about fixed axis
11.11.2013	27	P.K.D.	II	Singularities	Based theorem
12.11.2013	14	S.M.T.	V	Duality	Problem
12.11.2013	28	P.K.D.	II	Singularities	Based theorem
15.11.2013		S.M.T.		Class Teaching	
15.11.2013		P.K.D.		Class Teaching	
16.11.2013	29	S.M.T.	III	Curve in space	Osculattig plane eq. of asculting plane
16.11.2013	43	P.K.D.	I	Continuous & Homorphism	Based theorem
18.11.2013	30	S.M.T.	III	Curve in space	Normal plane, principle nomal
18.11.2013	44	P.K.D.	I	Continuous & Homorphism	Based Theorem

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19.11.2013	29	S.M.T.	IV	Motion about a fixed axis	Rotation of axis
19.11.2013	45	P.K.D.	I	Continusly and homomorphin	Based theorem
20.11.2013	30	S.M.T.	IV	Motion about a fixed axis	Compound pendulum
20.11.2013	29	P.K.D.	II	Calculus of residue	
21.11.2013	15	S.M.T.	V	Duality	Based problem
21.11.2013	30	P.K.D.	II	Calculus of residue	
22.11.2013		S.M.T.		Class Teaching	
22.11.2013		P.K.D.		Class Teaching	
23.11.2013	31	S.M.T.	III	Curve in space	Curvature, torson serrct, frenet theorem
23.11.2013	46	P.K.D.	I	Continuity	Based theorem
25.11.2013	32	S.M.T.	III	Curve in space	d.c.s. of the principal normal and binormal
25.11.2013	47	P.K.D.	I	Continuity	Example
26.11.2013	31	S.M.T.	IV	Mothon about a sixeddd asix	Articles and problem
26.11.2013	48	P.K.D.	I	Continuity	
27.11.2013	32	S.M.T.	IV	Moments of incrtis	M.I. some special cases
27.11.2013	31	P.K.D.	II	Calculus of residue	
28.11.2013	16	S.M.T.	V	Game theory	Articals
28.11.2013	32	P.K.D.	II	Calculus of residue	Based theorem
29.11.2013		S.M.T.		Evaluation	
29.11.2013		P.K.D.		Evaluation	
30.11.2013	33	S.M.T.	III	Curve in space	Helix, based articals
30.11.2013	49	P.K.D.	I	Continuity	
02.12.2013	34	S.M.T.	III	Curve in spcae	Osculting circle osculting sphere
02.12.2013	50	P.K.D.	I	Continuity	
03.12.2013	33	S.M.T.	IV	Moment of inertia	Product of inertia
03.12.2013	57	P.K.D.	I	Continuity	
06.12.2013	34	S.M.T.	IV	Moment of inertia	Incrtia base problem
06.12.2013	33	P.K.D.	II	Calculus of residue	Based theorem
07.12.2013	17	S.M.T.	V	Game theory	Articals
07.12.2013	34	P.K.D.	II	Calculus of residue	Based theorem

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09.12.2013		S.M.T.		Class Teaching	
09.12.2013		P.K.D.		Class Teaching	
11.12.2013	35	S.M.T.	III	Curve in space	Theory of surface and curve on surface
11.12.2013	52	P.K.D.	I	Continuity	
12.12.2013	36	S.M.T.	III	Curve in space	Theory of surface
12.12.2013	53	P.K.D.	I	Continuity	
13.12.2013	35	S.M.T.	IV	Moment of inertia	Momental ellipse
13.12.2013	54	P.K.D.	I	Continuity	
14.12.2013	36	S.M.T.	IV	Moment of inertia	Momental ellipsoid
14.12.2013	35	P.K.D.	II	Calculus of residue	Based theorem
16.12.2013	18	S.M.T.	V	Game theory	Articals
16.12.2013	36	P.K.D.	II	Calculus of residue	Based theorem
17.12.2013		S.M.T.		Class Teaching	
17.12.2013		P.K.D.		Class Teaching	
18.12.2013	37	S.M.T.	III	Theory of surface	Parametric curve
18.12.2013	55	P.K.D.	I	Continuity	Based Examples
19.12.2013	38	S.M.T.	III	Theory of surface	Tanjent plane and normal
19.12.2013	56	P.K.D.	I	Continuity	Based theorem
20.12.2013	37	S.M.T.	IV	Moment of inertia	Equi-momental system
20.12.2013	57	P.K.D.	I	Continuity	Based theorem
21.12.2013	38	S.M.T.	IV	Moment of inertia	Principal axes
21.12.2013	37	P.K.D.	II	Calculus of residue	Based theorem
23.12.2013	19	S.M.T.	V	Game theory	Carticals
23.12.2013	38	P.K.D.	II	Calculus of residue	Based theorem
24.12.2013		S.M.T.		Class Teaching/Evaluation	
24.12.2013		P.K.D.		Class Teaching/Evaluation	
26.12.2013	39	S.M.T.	III	Theory of surface	First fundamental form
26.12.2013	58	P.K.D.	I	Continuity	Based theorem
27.12.2013	40	S.M.T.	III	Surface of revolution	Central force, orbit diff. eq. of central orbit
27.12.2013	59	P.K.D.	I	Continuity	Basedd theorem

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28.12.2013	39	S.M.T.	IV	Central orbits	Acrial velocity
28.12.2013	60	P.K.D.	I	Completeness	Based theorem
30.12.2013	40	S.M.T.	IV	Central orbits	Aticals, based problem
30.12.2013	39	P.K.D.	II	Calculus of residue	Based theorem
31.12.2013	20	S.M.T.	V	Game theory	Articals, problems
31.12.2013	40	P.K.D.	II	Calculus of residue	Based Theorem
01.01.2014		S.M.T.		Class Teaching	
01.01.2014		P.K.D.		Class Teaching	
02.01.2014	41	S.M.T.	III	Theory of surface	Angle between two curve on a surface
02.01.2014	61	P.K.D.	I	Sequence and subsequence	Definition
04.01.2014	42	S.M.T.	III	Theory of surface	Special tensor, family of curves
04.01.2014	62	P.K.D.	I	Sequence and subsequence	Based theorem
06.01.2014	41	S.M.T.	IV	Central orbits	Asidal based artical
06.01.2014	63	P.K.D.	I	Cauchy sequencey	Based theorem
07.01.2014	42	S.M.T.	IV	Central orbits	Velocity in a circle and time in a path
07.01.2014	41	P.K.D.	II	Calculus of residue	Based theorem
08.01.2014	21	S.M.T.	V	Game theory	Articals, problems
08.01.2014	42	P.K.D.	II	Calculus of variation	Lemma
09.01.2014		S.M.T.		Class Teaching	
09.01.2014		P.K.D.		Class Teaching	
10.01.2014	43	S.M.T.	III	Second fundamental form	Second fundamental form
10.01.2014	64	P.K.D.	I	Complete melric space	
11.01.2014	44	S.M.T.	III	Second fundamenal form	The euqation of gauss and weingorten, curvature
11.01.2014	65	P.K.D.	I	Completeness & properties	
13.01.2014	43	S.M.T.	IX	Plactary motion	Newton's law, keplers law
13.01.2014	66	P.K.D.	I	Cantor throrem	
15.01.2014	44	SMT	IV	Planctary motion	Disurbed orbits43
15.01.2014		P.K.D.	II	Calculus of variation	Based throerem
16.01.2014	22	S.M.T.	V	Game theory	Articals
16.01.2014	44	P.K.D.	II	Calculuas of variation	Based theorem

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

कक्षा : बी.ए. भाग-तीन					विषय : गणित
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
17.01.2014		S.M.T.		Class Teaching	
17.01.2014		P.K.D.		Class Teaching	
18.01.2014	45	S.M.T.	III	Second fundamental form	Mcusnier's theorem principal direction &
					principal cultural
18.01.2014	67	P.K.D.	I	Baire's category	
20.01.2014	46	S.M.T	III	Second fundamental form	Based problem
20.01.2014	68	P.K.D.	I	Baire's category	
21.01.2014	47	S.M.T.	III	Some special curves and surface	
21.01.2014	45	P.K.D.	II	Calculus of variation	Based theorem
22.01.2014	23	S.M.T.	V	Game theory	Articals
22.01.2014	46	P.K.D.	II	Calculus of variation	Based theorem
23.01.2014	24	S.M.T.	V	Game theory	Problem
23.01.2014	25	P.K.D.	V	Assignment of problems	
24.01.2014		S.M.T.		Class Teaching	
24.01.2014		P.K.D.		Class Teaching	
25.01.2014	48	S.M.T.	III	Some special curves on a surface	Lines of curvature
25.01.2014	26	P.K.D.	V	Assignment problems	
27.01.2014	49	S.M.T.	III	Some special curves on a surface	Rodrigues formula dupin's theorem
27.01.2014	27	P.K.D.	V	Assignment problems	
28.01.2014	50	S.M.T.	III	Some special curves on a surface	Joachimsthal's theorem conjugate's direction
28.01.2014	28	P.K.D.	V	Assignment problems	
29.01.2014	29	S.M.T.	V	Game theory	Problems
29.01.2014	30	P.K.D.	V	Assignment problems	
30.01.2014	36	S.M.T	V	Game theory	Problems
30.01.2014	32	P.K.D.	V	Transportation	
31.01.2014		S.M.T.		Evaluation	
31.01.2014		P.K.D.		Evaluation	
01.02.2014	51	S.M.T.	III	Theorem of beltrami	Null lines, isometric lines fundamental equation of surface
01.02.2014	33	P.K.D.	V	Transportation	

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