

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

कक्षा : बी.ए. भाग-तीन			पाठ्यक्रम योजना : सत्र २०१५-२०१६		विषय : गणित
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.15	1	S.M.T.	III	Tensor Basic Concepts	n-dimensional space E-Summation conversion
16.07.15	1	P.K.D.	I	Basic Terms of Metric Spaces	Definitions, Examples
20.07.15	2	S.M.T.	III	Tensor Basic Concepts	Determinate, Diff. of determinant
20.07.15	2	P.K.D.	I	Basic Terms of Metric Sapaces	Based Problems
21.07.15	1	S.M.T.	IV	Motion in 3D	Acc. spherical form polar form
21.07.15	3	P.K.D.	I	Metric Space	Based Problems
22.07.15	2	S.M.T.	IV	Motion in 3D	Cylindrical form
22.07.15	1	P.K.D.	II	Integral Transform	Definitions, Laws of Transformation
23.07.15	1	S.M.T.	V	Operation Research	Intruduction
23.07.15	2	P.K.D.	II	Integral Transformation	Based Theorem
24.07.15		S.M.T.		CLASS TEACHING	
24.07.15	4	P.K.D.	I	Metric Spaces	Based Problems
25.07.15	3	S.M.T.	III	Vector and tensor	Contravariant vector covariant vector
25.07.15	5	P.K.D.	I	Sequence space and Function Space	Based Problems
27.07.15	4	S.M.T.	III	Vector and tensor	Tensor second order covariant and contravariant
27.07.14	6	P.K.D.	I	Sequence Space and Function Space	Based Problem
28.07.15	3	S.M.T.	IV	Motion in 3 D	Special case
28.07.15	3	P.K.D.	II	Integral Transform	Based Theorem
29.07.15	4	S.M.T.	IV	Motion in 3 D	Smooth Sphere, Reaction
29.07.15	4	P.K.D.	II	Integral Transform	Based Theorem
30.07.15	2	S.M.T.	V	Operation Research	Definition of Operation Research
30.07.15	7	P.K.D.	I	Metric Space	Theorems, Problems
31.07.15	5	S.M.T.	III	Vector And Tensor	Mixed Tensor of second order
31.07.15		P.K.D.		CLASS TEACHING	
01.08.15	6	S.M.T.	III	Vector and tensor	Tensor of any order
01.08.15	8	P.K.D.	I	Euclidean Metric Space	Based Problems
03.08.15	5	S.M.T.	IV	Motion in 3D	Problems

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03.08.15	9	P.K.D.	I	Bounded and unbonded M.S.	Based Problem
04.08.15	6	S.M.T.	IV	Moment of Inertia	Special case
04.08.15	5	P.K.D.	II	Integral Transform	Based Theorem
05.08.15	3	S.M.T.	V	Moment of Inertia	Product of inertia
05.08.15	6	P.K.D.	II	Integral Transform	Based Theorem
06.08.15	7	S.M.T.	III	Vector and Tensor	Based Problems
06.08.15	10	P.K.D.	I	Bounded and unbonded M.S.	Based Problems
07.08.14		S.M.T.		CLASS TEACHING	
07.08.15	11	P.K.D.	I	Open Spheres and open sets	Definitions and Theorems
08.08.15	8	S.M.T.	III	Tensor Algebre	Addition & Substraction of tensor
08.08.15	12	P.K.D.	I	Open Spheres and open sets	Based Problems
10.08.15	7	S.M.T.	IV	Moment of inertia	Based Problems
10.08.15	7	P.K.D.	II	Integral Transform	Based Problem
11.08.15	8	S.M.T.	IV	Moment of inertia	Momental Ellipse
11.08.15	8	P.K.D.	II	Integral Transform	Based Problems
12.08.15	4	S.M.T.	V	OR	Application of D.R.
12.08.15	13	P.K.D.	I	Interior sets	Based theorem
13.08.15	9	S.M.T.	III	Tensor algebra	Open Product
13.08.15	14	P.K.D.	I	Interior Set	Based Theorems
14.08.15	10	S.M.T.	III	Tensor algebra	Contraction inner Product
14.08.15		P.K.D.		CLASS TEACHING	
17.08.15	9	S.M.T.	IV	Moment of inertia	Momental Ellipse
17.08.15	15	P.K.D.	I	Closed Sets and Their Properties	Based Theorems
18.08.15	10	S.M.T.	IV	Moment of inertia	Principal axes
18.08.15	9	P.K.D.	II	Integral Transform	Based Theorems
20.08.15	5	S.M.T.	V	L.P.P.	Mathematical formulation
20.08.15	10	P.K.D.	II	Integral Transform	Based Problems
21.08.15	11	S.M.T.	III	Tensor algebra	Quotient law
21.08.15	16	P.K.D.	I	Closed Set	Based Theorem
22.08.15	12	S.M.T.	III	Tensor algebra	Based Problems

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22.08.15	17	P.K.D.	I	Closed Sets	Based Theorems
24.08.15		S.M.T.		<i>Class Teaching/ Test</i>	
24.08.15	18	P.K.D.	I	Boundary of set	Based Theorems
25.08.15	11	S.M.T.	IV	G. Equation of Motion	Equation of rigid body
25.08.15	11	P.K.D.	II	Analytic function	Definition, Examples
26.08.15	12	S.M.T.	IV	G. Equation of Motion	D-alemberts Principle
26.08.15	12	P.K.D.	II	Analytic Function	Definition, Examples
27.08.15	6	S.M.T.	V	L.P.P.	Graphical method of L.P.P.
27.08.15	19	P.K.D.	I	Closure and Boundary of Set	Based Theorem
31.08.15	13	S.M.T.	III	Tensor Algebra	Based Problems, Theorems
31.08.15	20	P.K.D.	I	Dense Set	Based Theorem
01.09.15	14	S.M.T.	III	Tensor Algebra	Riemannian Metric
01.09.15	21	P.K.D.	I	Bases and Axioms of countability	Defination, Examples
03.09.15	13	S.M.T.	IV	G.E. of Motion	Conservation Artical
03.09.15		P.K.D.		Class Teaching	
04.09.15	14	S.M.T.	IV	G.E. of Motion	Conservation Artical
04.09.15	13	P.K.D.	II	Analytic Function	Based Theorems
07.09.15	7	S.M.T.	V	L.P.P.	Limitation of L.P.P.
07.09.15	14	P.K.D.	II	Analytic Function	Based Theorems
08.09.15	15	S.M.T.	III	Riemannian Metric	Angle between two Vector
08.09.15	22	P.K.D.	I	Bases and Axioms of Countability	Based Theorems
09.09.15	16	S.M.T.	III	Riemannian Metric	Associate tensor
09.09.15	23	P.K.D.	I	Subspace and Product space	Based Theorem
10.09.15	15	S.M.T.	IV	G .E. of Motion	Principal of Energy
10.09.15	24	P.K.D.	I	Subspace and Product space	Based Theorem
11.09.15		S.M.T.		Class Teaching	
11.09.15	15	P.K.D.	II	Complex Integration	Based Theorem
12.09.15	16	S.M.T.	IV	G .E. of Motion	Conservation of Energy Center of inertia
12.09.15	16	P.K.D.	II	Complex Integration	Based Theorems
14.09.15	08	S.M.T.	V	L.P.P.	Application of L.P.P.

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14.09.15	25	P.K.D.	I	Subspace and Product Space	Based Theorem
15.09.15	17	S.M.T.	III	Riemannian Matric	Christoffel symboles
15.09.15	26	P.K.D.	I	Subspace	Based Theorem and Problem
16.09.15	18	S.M.T.	III	Christoffell Symboles	Based Problems
16.09.15	27	P.K.D.	I	Compactness	Based Example, Defination
18.09.15	17	S.M.T.	IV	Motion about fixed axes	Effictive Forces
18.09.15	17	P.K.D.	II	Complex Integration	Based Theorems
19.19.15	18	S.M.T.	IV	Motion about fixed axes	Kinetic Energy
19.09.15		P.K.D.		Class Teaching	
21.09.15	9	S.M.T.	V	Convex set	Theoerms
21.09.15	18	P.K.D.	II	Complex Integration	Based Theorems
22.09.15	19	S.M.T.	III	Christoffel	Law of Transformation
22.09.15	28	P.K.D.	I	Compactness	Compact Space Defination
23.09.15	20	S.M.T.	III	Covariant diff	Covariant derivative
23.09.15	29	P.K.D.	I	Compactness	Based Theorems
24.09.15	19	S.M.T.	IV	Motion about fixed axis	Axis of Rotation
24.09.15	30	P.K.D.	I	Compactness	Based Theorems
26.09.15	20	S.M.T.	IV	Motion about fixed axis	Center of suspension
26.09.15	19	P.K.D.	II	Complex Integration	Based Theorems
28.09.15		S.M.T.		Class teaching / Test	
28.09.15	20	P.K.D.	II	Complex Integration	Based Theorems
29.09.15	10	S.M.T.	V	Simplex Method	Article
29.09.15	31	P.K.D.	I	Compactness	Based Theorems
01.10.15	21	S.M.T.	III	Covariant diff	Contravariant Vector
01.10.15	32	P.K.D.	I	Compactness	Based Theorems
03.10.15	22	S.M.T.	III	Covariant diff	Divergence of Vector
03.10.15	33	P.K.D.	I	Compactness	Based Theorems
05.10.15	21	S.M.T.	IV	Motion about fixed axis	Compact Pendulum
05.10.15	21	P.K.D.	II	Complex Integration	Based Theorems / Problems
06.10.15	22	S.M.T.	IV	Force in 3 D	G . Condition of Equilibrium

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06.10.15	22	P.K.D.	II	Complex Integration	Based Theorem
07.10.15	11	S.M.T.	V	Simplex Method	Problems
07.10.15		P.K.D.		Class Teaching	
08.10.15	23	S.M.T.	III	Curvature tensor	
08.10.15	34	P.K.D.	I	Compactness	Based Theorem
09.10.15	24	S.M.T.	III	Curvature Tensor	
09.10.15	35	P.K.D.	I	Compactness	Based Theorems
10.10.15	23	S.M.T.	IV	Force in 3D	E . Of Central axis
10.10.15	36	P.K.D.	I	Compactness	Based Theorems
14.10.15	24	S.M.T.	IV	Force in 3D	Motion of Force
14.10.15	23	P.K.D.	II	Complex Integration	Based Theorem
15.10.15	12	S.M.T.	V	Simplex Method	Problems
15.10.15	24	P.K.D.	II	Complex Integration	Based Theorem
16.10.15		S.M.T.		Class Teaching	
16.10.15	37	P.K.D.	I	Compactness	Based Theorem
17.10.15	25	S.M.T.	III	Curvature Tensor	Curvature Tensor
17.10.15	38	P.K.D.	I	Compactness	BWP
19.10.15	26	S.M.T.	III	Curvature Tensor	Ricci Tensor
19.10.15	39	P.K.D.	I	Compactness	Sequentially compact / Based Theorems
27.10.15	25	S.M.T.	IV	Force in 3D	Rc Solution of a System
27.10.15	25	P.K.D.	II	Singularities	Defination , Examples
28.10.15	26	S.M.T.	IV	Force in 3D	Re Solution of two given Wrenches
28.10.15	26	P.K.D.	II	Singularities	Based Problems
29.10.15	13	S.M.T.	V	Simplex	Problems
29.10.15	40	P.K.D.	I	Continuity	Defination , Based Examples
30.10.15	27	S.M.T.	III	Ricci Tensor	Covariant Curvature Tensor
30.10.15	41	P.K.D.	I	Continuity	Based Thorems
31.10.15	28	S.M.T.	III	Curvature Tensor	Identities
31.10.15		P.K.D.		Class Teaching / Test	
02.11.15	27	S.M.T.	IV	Force in 3D	Null line , Null plane

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02.11.15	27	P.K.D.	I	Properties of Continuous	Based Theorems
03.11.15	28	S.M.T.	IV	Force in 3D	Null Point, eq of Null plane
03.11.15	27	P.K.D.	II	Singularity	Based Problems / Theorems
04.11.15	14	S.M.T.	V	Duality	Problems
04.11.15	28	P.K.D.	II	Singularity	Based Problems / Theorems
05.11.15	29	S.M.T.	III	Curvature Tensor	Bianchi First Identities
05.11.15	43	P.K.D.	I	Continuity & Homomorphism	Based Theorems
06.11.15	30	S.M.T.	III	Curvature Tensor	Bianchi second Identities
06.11.15	44	P.K.D.	I	Continuity & Homomorphism	Based Theorems
07.11.15		S.M.T.		Class Teaching	
07.11.15	45	P.K.D.	I	Continuity & Homomorphism	Based Theorems
14.11.15	29	S.M.T.	IV	Force in 3D	Condition for a st line to be a null line
14.11.15	29	P.K.D.	II	Calculus of Residue	Defination , Based Examples
16.11.15	30	S.M.T.	IV	Force in 3D	Conjugate line
16.11.15	30	P.K.D.	II	Calculus of Residue	Based Theorem
18.11.15	15	S.M.T.	V	Duality	Problems
18.11.15	46	P.K.D.	I	Continuity	Based Theorems
19.11.15	31	S.M.T.	III	Curve in Space	Equation of Curve
19.11.15	47	P.K.D.	I	Continuity	Based Theorem
20.11.15	32	S.M.T.	III	Curve in Space	Tangent to a Curve
20.11.15	48	P.K.D.	I	Continuity	Based Theorems
21.11.15	31	S.M.T.	IV	Force in 3D	Based Problems
21.11.15		P.K.D.		Class Teaching	
23.11.15	16	S.M.T.	V	Duality	Problems
23.11.15	31	P.K.D.	II	Calculus of Residue	Based Theorems
24.11.15	17	S.M.T.	V	Duality	Problems
24.11.15	32	P.K.D.	II	Calculus of Residue	Based Problems
25.11.15	33	S.M.T.	III	Curve in space	Order of Contact osculating plane
25.11.15	33	P.K.D.	II	Calculus of Residue	Based Theorems
26.11.15	34	S.M.T.	III	Curve in Space	Normal Plane , Binormal Plane

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26.11.15	34	P.K.D.	II	Calculus of Residue	Based Theorems
27.11.15	18	S.M.T.	V	Game Theory	Deff. Zero sum game
27.11.15	35	P.K.D.	II	Calculus of Residue	Based Theorems
28.11.15		S.M.T.		Class Teaching / Test	
28.11.15	49	P.K.D.	I	Continuity	Based Theorems
30.11.15	19	S.M.T.	V	Game Theory	Two Person game
30.11.15	50	P.K.D.	I	Continuity	Based Theorems
01.12.15	20	S.M.T.	V	Game Theory	Strategy
01.12.15	36	P.K.D.	II	Calculus of Residue	Based Theorems
03.12.15	35	S.M.T.	III	Curve in Space	Curvature , Torsion
03.12.15	37	P.K.D.	II	Calculus of Residue	Based Theorems
07.12.15	36	S.M.T.	III	Curve in Space	Scrrer, Frenct formula Torsion of any curve
07.12.15	38	P.K.D.	II	Calculus of Residue	Based Theorems
08.12.15	21	S.M.T.	V	Game Theory	Solution og Game
08.12.15	51	P.K.D.	I	Continuity	Based Theorem
09.12.15	22	S.M.T.	V	Gamr Theory	Optimal Game
09.12.15		P.K.D.		Class Teaching	
11.12.15	23	S.M.T.	V	Game Theory	Fair Game, Saddle Point
11.12.15	52	P.K.D.	I	Continuity	Based Theorem
12.12.15	37	S.M.T.	III	Curve in Space	Hclix, Cylindrical helix
12.12.15	39	P.K.D.	II	Calculation of Variation	Defination , Based Exaples
12.12.15	38	S.M.T.	III	Curve in Space	Circular Helix
14.12.15	40	P.K.D.	II	Calculus of Variation	Based Theorems
15.12.15	24	S.M.T.	V	Game Theory	Without saddle Point
15.12.15	41	P.K.D.	II	Calculus of Variation	Based Theorems
16.12.15	25	S.M.T.	V	Game Theory	2*2 Solution
16.12.15	53	P.K.D.	I	Completness	Defination / Introduction
17.12.15		S.M.T.		Class Teaching	
17.12.15	54	P.K.D.	I	Sequence and Subsequence	Based Theorems
18.12.15	26	S.M.T.	V		

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18.12.15	42	P.K.D.	II	Calculus of variation	Based Theorems
19.12.15	39	S.M.T.	III	Curve in Space	Osculating Circle, Sphere
19.12.15	43	P.K.D.	II	Calculus of Variation	Based Theorems
21.12.15	40	S.M.T.	III	Curve in Space	Involute and evolute
21.12.15	44	P.K.D.	II	Calculus of variation	Based Theorems
22.12.15	27	S.M.T.	V	Game Theory	Dominance Property
22.12.15	55	P.K.D.	I	Sequence and Subsequence	Based Theorems
28.12.15	28	S.M.T.	V	Game Theory	Fundamental Theorem of Game Theory
28.12.15	56	P.K.D.	I	Sequence and Subsequence	Based Theorems
29.12.15	29	S.M.T.	V	Game of Theory	Limitation of Game Theory
29.12.15		P.K.D.		Class Teaching / Test	
30.12.15	41	S.M.T.	III	Theory of Surface	First Fundamental Form
30.12.15	45	P.K.D.	II	Calculus of Variation	Based Theorems
31.12.15	42	S.M.T.	III	Theory of Surface	Helicoids
31.12.15	46	P.K.D.	II	Calculus of Variation	Based Theorems
01.01.16	30	S.M.T.	V	Game of Theory	Based Problems
01.01.16	47	P.K.D.	II	Calculus of Variation	Based Problems
02.01.16	31	S.M.T.	V	Game of Theory	Based Problems
02.01.16	57	P.K.D.	I	Caught Sequence	Based Problems
04.01.16	32	S.M.T.	V	I.P.P.	
04.01.16	58	P.K.D.	I	Baire's Category	Based Theorems
06.01.16		S.M.T.		Class Teaching	
06.01.16	59	P.K.D.	I	Connectedness	Defination, Examples
07.01.16	43	S.M.T.	III	Theory of Surface	Angle, between two Curve
07.01.16	60	P.K.D.	I	Connectedness	Based Theorems
08.01.15	44	S.M.T.	III	Theory of Surface	Family of Curve
08.01.16	61	P.K.D.	I	Connectedness	Based Theorems
09.01.16	33	S.M.T.	V	I.P.P.	Introduction
09.01.16	62	P.K.D.	I	Connectedness	Based Theorems
11.01.16	34	S.M.T.	V	I.P.P.	Def of I.P.P.

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

कक्षा : बी.ए. भाग-तीन			पाठ्यक्रम योजना : सत्र २०१५-२०१६		विषय : गणित
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
11.01.16	I	P.K.D.	V	Transportation Problems	Based Problems
12.01.16	35	S.M.T.	V	I.P.P.	Pure and Mixed I.P.P
12.01.16	2	P.K.D.	V	Transportation Problems	Based Problems
13.01.16	45	S.M.T.	III	Theory of Surface	Second Fundamental Form
13.01.16		P.K.D.		Class Teaching	
16.01.16	46	S.M.T.	III	Theory of Surface	Gauss and weingarten
16.01.16	3	P.K.D.	V	Transportation Problems	Based Problems
18.01.16	47	S.M.T.	III	Special Curve on a Surface	Line of Curvature
18.01.16	4	P.K.D.	V	Transportation Problems	Based Problems
19.01.16	36	S.M.T.	V	I.P.P.	Solution of I.P.P.
19.01.16	5	P.K.D.	V	Transportation Problems	Based Problems
20.01.16	37	S.M.T.	V	I.P.P.	Gomorj's Cutting plane
20.01.16	6	P.K.D.	V	Transportation Problems	Based Problems
21.01.16	48	S.M.T.	III	Special Curve	Rodriguc Formula
21.01.16	7	P.K.D.	V	Transportation Problems	Based Problems
22.01.16		S.M.T.		Class Teaching	
22.01.16	8	P.K.D.	V	Assignment Problems	Defination, Based Examples
23.01.15	49	S.M.T.	III	Special Curve	Theory of Beltrami
23.01.16	9	P.K.D.	V	Assignment Problems	Types of Assignment Problems
25.01.16	50	S.M.T.	III	Special Curve	Null Line, Geodesics
25.01.16	10	P.K.D.	V	Assignment Problem	Based Problems
27.01.16	51	S.M.T.	III	Special Curve	Fundamental equation of Surface Theory
27.01.16	11	P.K.D.	V	Assignment Problems	Based Problems
28.01.16	38	S.M.T.	V	I.P.P.	Plane Algorithm
28.01.16	12	P.K.D.	V	Assignment Problems	Based Problems
29.01.16	39	S.M.T.	V	I.P.P.	Procedure of Solution
29.01.16	13	P.K.D.	V	Assignment Problems	Based Problems
30.01.16	40	S.M.T.	V	I.P.P.	Fraction cut Method
30.1.16		P.K.D.		Class Teaching / Test	