

MAHARANA PRATAP MAHAVIDYALAY JUNGLE DHUSAN GORAKHPUR

B. Sc. VI Sem. MATHS (MAT 304, 305)					
Date	Lec No.	Teacher	Code	Chapter	Title
16.1.2025	1	P.K.G	304	DEFINITION OF METRIC SPACE AND EXAMPLES	BASED THEOREM AND PROBLEM
	2	P.K.G	305	DEVELOPING MATHEMATICAL MODELS	BASED THEOREM AND PROBLEM
17.1.2025	3	P.K.G	304	SUBSPACE OF METRIC SPACE	BASED THEOREM AND PROBLEM
	4	P.K.G	305	LINEAR PROGRAMMING PROBLEM	BASED THEOREM AND PROBLEM
18.1.2025	5	P.K.G	304	OPEN AND CLOSED SPHERE	BASED THEOREM AND PROBLEM
	6	P.K.G	305	CONVEX SETS AND FUNCTIONS	BASED THEOREM AND PROBLEM
20.1.2025	7	P.K.G	304	OPEN SETS AND CLOSED SETS	BASED THEOREM AND PROBLEM
	1	A.K.M.	305	ERROR IN NUMERICAL COMPUTATIONS	BASED THEOREM AND PROBLEM
21.1.2025	8	P.K.G	305	LPP SIMLE AND GENERAL LPP	BASED THEOREM AND PROBLEM
	2	A.K.M.	305	CALCULUS OF FINITE DIFFERENCE	BASED THEOREM AND PROBLEM
22.1.2025	9	P.K.G	304	CLASS TEACHING	
	3	A.K.M.	305	FUNDAMENTAL THEOREM OF DIFERENTIAL CALCULUS	BASED THEOREM AND PROBLEM
23.1.2025	9	P.K.G	304	CLOSED SET AND CLOSURE OF A SET	BASED THEOREM AND PROBLEM
	10	P.K.G	305	CLASS TEACHING	
24.1.2025	11	P.K.G	304	SOLUTION OF LPP BY GRAPHICAL MATHOD	BASED THEOREM AND PROBLEM
	12	P.K.G	305	TRANSPORTATION PROBLEMS	BASED THEOREM AND PROBLEM
25.1.2025	13	P.K.G	304	LIMIT POINTS AND ISOLATED POINTS	BASED THEOREM AND PROBLEM
	14	P.K.G	305	GAME THEORY COMPETITIVE GAME	BASED THEOREM AND PROBLEM

27.1.2025	15	P.K.G	304	LIMIT POINTS AND ISOLATED POINTS	BASED THEOREM AND PROBLEM
	4	A.K.M.	305	NEWTON'S FORWA AND BACKWARD INTERPOLATION	BASED THEOREM AND PROBLEM
28.1.2025	16	P.K.G	304	CLASS TEACHING	
	5	A.K.M.	305	DIVIDED DIFFERENCE	BASED THEOREM AND PROBLEM
29.1.2025	17	P.K.G	304	LIMIT POINTS AND ISOLATED POINTS	BASED THEOREM AND PROBLEM
	6	A.K.M.	305	CLASS TEACHING	
30.1.2025	18	P.K.G	304	DENSE SETS AND SEPARABLE SPACES	BASED THEOREM AND PROBLEM
	19	P.K.G	305	SOLUTIONS OF ALGEBRAIC AND TRANSCENDENTAL EQUATIONS	BASED THEOREM AND PROBLEM
31.1.2025	20	P.K.G	304	SUBSPACE OF A METRIC SPACE EXAMPLES	BASED THEOREM AND PROBLEM
	21	P.K.G	305	DIRECT AND ITERATIVE METHODS	BASED THEOREM AND PROBLEM
01.02.25	22	P.K.G	304	SUBSPACE OF A METRIC SPACE EXAMPLES	BASED THEOREM AND PROBLEM
	23	P.K.G	305	BISECTION METHOD	BASED THEOREM AND PROBLEM
04.02.25	24	P.K.G	304	CLASS TEACHING	
	7	A.K.M.	305	LAGRANGE'S INTERPOLATION FORMULA	BASED THEOREM AND PROBLEM
05.02.25	25	P.K.G	304	SEQUENCE IN A METRIC SPACE	BASED THEOREM AND PROBLEM
	8	A.K.M.	305	LU DECOMPOSITION METHOD	BASED THEOREM AND PROBLEM
06.02.25	26	P.K.G	304	SEQUENCE IN A METRIC SPACE	BASED THEOREM AND PROBLEM

	9	A.K.M.	305	CONVERGENCE IN A METRIC SPACE	BASED THEOREM AND PROBLEM
07.02.25	27	P.K.G	304	CAUCHY SEQUENCE	BASED THEOREM AND PROBLEM
	28	P.K.G	305	GAME THEORY	BASED THEOREM AND PROBLEM
08.02.25	29	P.K.G	304	COMPLETE METRIC SPACE	BASED THEOREM AND PROBLEM
	30	P.K.G	305	GAME THEORY	BASED THEOREM AND PROBLEM
10.02.25	31	P.K.G	304	NUMERICAL INTEGRATION	BASED THEOREM AND PROBLEM
	32	P.K.G	305	CLASS TEACHING	
11.02.25	33	P.K.G	304	CONTINUOUS MAPPING	BASED THEOREM AND PROBLEM
	10	A.K.M.	305	NUMERICAL DIFFERENTIATION DERIVATIVES USING FORWARD AND BACKWARD FORMULA	BASED THEOREM AND PROBLEM
13.02.25	34	P.K.G	304	GENERAL QUADRATURE FORMULA	BASED THEOREM AND PROBLEM
	11	A.K.M.	305	CLASS TEACHING	
14.02.25	35	P.K.G	304	TRAPZOIDAL RULE	BASED THEOREM AND PROBLEM
	12	A.K.M.	305	SEQUENTIAL CRITERIAN	BASED THEOREM AND PROBLEM
15.02.25	36	P.K.G	304	COMPACTNESS	BASED THEOREM AND PROBLEM
	37	P.K.G	305	SIMPSON'S ONE THIRD FORMULA	BASED THEOREM AND PROBLEM
17.02.25	38	P.K.G	304	ANALYTICAL FUNCTIONS	BASED THEOREM AND PROBLEM
	39	P.K.G	305	SIMPSON THREE EIGHT AND WEDDLE'S RULE	BASED THEOREM AND PROBLEM

18.02.25	40	P.K.G	304	NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATION	BASED THEOREM AND PROBLEM
	41	P.K.G	305	ZEROES	BASED THEOREM AND PROBLEM
19.02.25	42	P.K.G	304	C-R EQUATIONS	BASED THEOREM AND PROBLEM
	13	A.K.M.	305	CLASS TEACHING	
20.02.25	43	P.K.G	304	TAYLOR'S SERIES METHOD	BASED THEOREM AND PROBLEM
	14	A.K.M.	305	UNIFORM CONTINUITY	BASED THEOREM AND PROBLEM
21.02.25	44	P.K.G	304	EULER METHOD	BASED THEOREM AND PROBLEM
	15	A.K.M.	305	HOMEOMORPHISM	BASED THEOREM AND PROBLEM
22.02.25	45	P.K.G	304	MODIFIED METHOD	BASED THEOREM AND PROBLEM
	46	P.K.G	305	CONTRCTION MAPPING	BASED THEOREM AND PROBLEM
24.02.25	47	P.K.G	304	RUNGE-KUTTA METHOD	BASED THEOREM AND PROBLEM
	48	P.K.G	305	CLASS TEACHING/TEST	
25.02.25	49	P.K.G	304	DEVELOPING MATHEMATICAL MODELS	BASED THEOREM AND PROBLEM
	50	P.K.G	305	ASSIGNMENT PROBLEMS	BASED THEOREM AND PROBLEM
27.02.25	51	P.K.G	304	RESIDUED THEOREM	BASED THEOREM AND PROBLEM
	16	A.K.M.	305	BANACH FIXED POINT THEOREM	BASED THEOREM AND PROBLEM
28.02.25	52	P.K.G	304	SINGULARITY	BASED THEOREM AND PROBLEM
	17	A.K.M.	305	CLASS	

				TEACHING/TEST	
01.03.25	53	P.K.G	304	COMPCTNESS	BASED THEOREM AND PROBLEM
	18	A.K.M.	305	SIMPLEX METHOD	BASED THEOREM AND PROBLEM
03.03.25	54	P.K.G	304	COMPCTNESS	BASED THEOREM AND PROBLEM
	55	P.K.G	305	DUALITY	BASED THEOREM AND PROBLEM
04.03.25	56	P.K.G	304	COMPCTNESS	BASED THEOREM AND PROBLEM
	57	P.K.G	305	LU DECOMPOSITION MEHOD	BASED THEOREM AND PROBLEM
05.03.25	58	P.K.G	304	CLASS TEACHING	
	59	P.K.G	305	COMPLEX NUMBERS AS ORDER PAIRS	BASED THEOREM AND PROBLEM
06.03.25	60	P.K.G	304	CANONICAL AND STANDARD FORM OF LPP	BASED THEOREM AND PROBLEM
	19	A.K.M.	305	CLASS TEACHING	
07.03.25	61	P.K.G	304	SOLUTION OF LPP BY SIMPLEX METHOD	BASED THEOREM AND PROBLEM
	20	A.K.M.	305	ANALYTIC FUNCTIONS	BASED THEOREM AND PROBLEM
08.03.25	62	P.K.G	304	SOLUTION OF LPP BY BIG-M METHOD	BASED THEOREM AND PROBLEM
	21	A.K.M.	305	ANALYTIC FUNCTIONS	BASED THEOREM AND PROBLEM
10.03.25	63	P.K.G	304	TWO PHASE METHOD	BASED THEOREM AND PROBLEM
	64	P.K.G	305	ANALYTIC FUNCTIONS	BASED THEOREM AND PROBLEM
11.03.25	65	P.K.G	304	DUALITY IN LPP	BASED THEOREM AND PROBLEM
	66	P.K.G	305	CLASS TEACHING	

17.03.25	67	P.K.G	304	THEOREMS ON DUALITY	BASED THEOREM AND PROBLEM
	68	P.K.G	305	DUAL SIMPLEX METHOD	BASED THEOREM AND PROBLEM
18.03.25	69	P.K.G	304	CONNECTEDNESS	BASED THEOREM AND PROBLEM
	22	A.K.M.	305	C-R EQUATIONS	BASED THEOREM AND PROBLEM
19.03.25	70	P.K.G	304	CLASS TEACHING	
	23	A.K.M.	305	COMPLEX INTEGRATION	BASED THEOREM AND PROBLEM
20.03.25	71	P.K.G	304	TRANSPORTATION PROBLEMS	BASED THEOREM AND PROBLEM
	24	A.K.M.	305	COMPLEX INTEGRATION	BASED THEOREM AND PROBLEM
21.03.25	72	P.K.G	304	METHODS FOR FINDING SOLUTION OF TRANSPORTATION PROBLEM	BASED THEOREM AND PROBLEM
	73	P.K.G	305	CLASS TEACHING	
22.03.25	74	P.K.G	304	MODI METHOD	BASED THEOREM AND PROBLEM
	75	P.K.G	305	GAUSS-SEIDEL METHOD	BASED THEOREM AND PROBLEM
24.03.25	76	P.K.G	304	ASSIGNMENT PROBLEM	BASED THEOREM AND PROBLEM
	77	P.K.G	305	CAUCHY INEQUALITY	BASED THEOREM AND PROBLEM
25.03.25	78	P.K.G	304	HUNGARIAN METHOD	BASED THEOREM AND PROBLEM
	25	A.K.M.	305	ASSIGNMENT PROBLEM	BASED THEOREM AND PROBLEM
26.03.25	79	P.K.G	304	MAXIMIZATION ASSIGNMENT PROBLEM	BASED THEOREM AND PROBLEM
	26	A.K.M.	305	CONVERGENCE AND DIVERGENCE	BASED THEOREM AND PROBLEM

27.03.25	80	P.K.G	304	GAME THEORY COMPETITIVE GAME	BASED THEOREM AND PROBLEM
	27	A.K.M.	305	CLASS TEACHING/TEST	
28.03.25	81	P.K.G	304	TWO PERSON ZERO SUM GAME	BASED THEOREM AND PROBLEM
	82	P.K.G	305	TWO PERSON ZERO SUM GAME	BASED THEOREM AND PROBLEM
29.03.25	83	P.K.G	304	MINIMAX MAXIMIN CRITERIA	BASED THEOREM AND PROBLEM
	84	P.K.G	305	NEWTON'S FORWARD INTERPOLATION	BASED THEOREM AND PROBLEM
01.04.25	85	P.K.G	304	SADDLE POINTS	BASED THEOREM AND PROBLEM
	86	P.K.G	305	RATIO TEST ROOT TEST	BASED THEOREM AND PROBLEM
02.04.25	87	P.K.G	304	CLASS TEACHING	
	28	A.K.M.	305	LAURENT SERIES	BASED THEOREM AND PROBLEM
03.04.25	88	P.K.G	304	DOMINANCE RULE	BASED THEOREM AND PROBLEM
	29	A.K.M.	305	ZEROS AND POLES	BASED THEOREM AND PROBLEM
04.04.25	89	P.K.G	304	SOLUTION OF HUGE RECTANGULAR GAMES USING RULES OF DOMINANCE	BASED THEOREM AND PROBLEM
	30	A.K.M.	305	DOMINANCE RULE	BASED THEOREM AND PROBLEM
05.04.25	90	P.K.G	304	GRAPHICAL METHOD FOR $2 \times n$ AND $m \times 2$ GAMES WITHOUT SADDLE POINTS	GRAPHICAL METHOD FOR $2 \times n$ AND $m \times 2$ GAMES WITHOUT SADDLE POINTS
	91	P.K.G	305	DOMINANCE RULE	BASED THEOREM AND PROBLEM
07.04.25	92	P.K.G	304	OPEN MAPPING	BASED THEOREM AND PROBLEM
	93	P.K.G	305	SINGULARITIES	BASED THEOREM AND

					PROBLEM
08.04.25	94	P.K.G	304	CLASS TEACHING	
	95	P.K.G	305	SINGULARITIES	BASED THEOREM AND PROBLEM
09.04.25	96	P.K.G	304	SINGULARITIES	BASED THEOREM AND PROBLEM
	31	A.K.M.	305	DIVIDED DIFFERENCE INTERPOLATION FORMULA	BASED THEOREM AND PROBLEM
11.04.25	97	P.K.G	304	SINGULARITIES	BASED THEOREM AND PROBLEM
	32	A.K.M.	305	DIVIDED DIFFERENCE INTERPOLATION FORMULA	BASED THEOREM AND PROBLEM
12.04.25	98	P.K.G	304	SINGULARITIES	BASED THEOREM AND PROBLEM
	33	A.K.M.	305	CLASS TEACHING	
15.04.25	99	P.K.G	304	TRAPEZOIDAL RULE	BASED THEOREM AND PROBLEM
	100	P.K.G	305	TRAPEZOIDAL RULE	BASED THEOREM AND PROBLEM
16.04.25	101	P.K.G	304	SIMPSON'S ONE THIRD RULE	BASED THEOREM AND PROBLEM
	102	P.K.G	305	RESIDUES AND POLES	BASED THEOREM AND PROBLEM
17.04.25	103	P.K.G	304	CAUCHY RESIDUE THEOREM	BASED THEOREM AND PROBLEM
	104	P.K.G	305	RESIDUES AND POLES	BASED THEOREM AND PROBLEM
19.04.25	105	P.K.G	304	CLASS TEACHING/TEST	
	34	A.K.M.	305	CAUCHY RESIDUE THEOREM	BASED THEOREM AND PROBLEM
21.04.25	106	P.K.G	304	CAUCHY RESIDUE THEOREM	BASED THEOREM AND PROBLEM
	35	A.K.M.	305	EVALUATION OF IMPROPER AND REAL INTEGRALS	BASED THEOREM AND PROBLEM

22.04.25	107	P.K.G	304	REVISION CLASS	BASED THEOREM AND PROBLEM
	36	A.K.M.	305	CLASS TEACHING	
23.04.25	108	P.K.G	304	REVISION CLASS	BASED THEOREM AND PROBLEM
	109	P.K.G	305	REVISION CLASS	BASED THEOREM AND PROBLEM
24.04.25	110	P.K.G	304	REVISION CLASS	BASED THEOREM AND PROBLEM
	111	P.K.G	305	REVISION CLASS	BASED THEOREM AND PROBLEM
25.04.25	112	P.K.G	304	CLASS TEACHING/TEST	
	113	P.K.G	305	REVISION CLASS	BASED THEOREM AND PROBLEM
26.04.25	114	P.K.G	304	REVISION CLASS	BASED THEOREM AND PROBLEM
	37	A.K.M.	305	CLASS TEACHING/TEST	
28.04.25	115	P.K.G	304	REVISION CLASS	BASED THEOREM AND PROBLEM
	63	A.K.M.	305	REVISION CLASS	BASED THEOREM AND PROBLEM
29.04.25	116	P.K.G	304	REVISION CLASS	BASED THEOREM AND PROBLEM
	38	A.K.M.	305	REVISION CLASS	BASED THEOREM AND PROBLEM
30.04.25	117	P.K.G	304	REVISION CLASS	BASED THEOREM AND PROBLEM
	39	P.K.G	305	REVISION CLASS	BASED THEOREM AND PROBLEM