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कक्षा : बी.एस-सी. भाग-दो			पाठ्यक्रम योजना : सत्र 2019-20		विषय : गणित
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.7.2019	1	APS	I	Introduction of ring	.concepts
	1	SMT	IV	Kinematics	Base theorem/problem
17.7.2019	2	APS	I	ring	Based theorem
	2	SMT	IV	Kinematics	Base theorem/problem
18.7.2019	3	APS	I	ring	Based theorem
	3	PKD	IV	Coplanar forces	Base theorem/problem
19.7.2019	1	PKD	II		CLASS TEACHING
	1	SMT	III	Finite difference	Based theorem
20.7.2019	2	PKD	II	Dedekind theory	Based theorem
	2	SMT	III		Based theorem
22.7.2019	4	APS	I	ring	Based theorem
	4	PKD	IV	Coplanar forces	Base theorem/problem
23.7.2019	5	APS	I	Properties of ring	Based theorem
	5	PKD	IV	Coplanar forces	Base theorem/problem
24.7.2019	6	APS	I	Properties of ring	Based theorem
	6	SMT	IV	Kinematics	Base theorem/problem
25.7.2019	3	PKD	II	Dedekind theory	Addition of real number
	3	SMT	III	Finite difference	Based theorem
26.7.2019	4	PKD	II	Dedekind theory	Addition of real number
	4	SMT	III		CLASS TEACHING
27.7.2019	7	APS	I	Properties of ring	Based theorem
	7	PKD	IV	Coplanar forces	Based theorem
29.7.2019	8	APS	I	Ring with zero divisors	Based theorem
	8	SMT	IV	Kinematics	Base theorem/problem
30.7.2019	9	APS	I	Ring with zero divisors	Based theorem
	9	SMT	IV	Kinematics	Base theorem/problem
31.7.2019	5	PKD	II	Dedekind theory	Subtraction of real number
	5	SMT	III	Finite difference	Based theorem
1.8.2019	6	PKD	II	Dedekind theory	Multiplication if real number
	6	SMT	III	Finite difference	Based theorem
2.8.2019	10	A.P.S	I		CLASS TEACHING

	10	PKD	IV	Coplanar forces	Base theorem/problem
3.8.2019	11	A.P.S	I	Cancellation laws in a ring	Based theorem
	11	PKD	IV	.coplanar force	Base theorem
6.8.2019	12	APS	I	Division ring	Based theorem
	12	SMT	IV	Kinematics	Base theorem/problem
7.8.2019	7	PKD	II	Dedekind theory	Multiplication of real number
	7	SMT	III	Fundamental theorem of finite difference	Based theorem
8.8.2019	8	PKD	II	Dedekind theory	Division of real number
	8	SMT	III	Interpolation with equal interval	Based theorem
9.8.2019	13	APS	I	Division ring	Base Theorem
	13	PKD	IV	Coplanar forces	Base theorem/problem
10.8.2019	14	APS	I	field	Based theorem
	14	SMT	IV		Class Teaching
11.8.2019	15	APS	I	field	Based theorem
	15	SMT	IV	Kinematics	Base theorem/problem
13.8.2019	9	PKD	II	Bounds and interval	Lower and upper bounds
	9	SMT	III	Interpolation	Base theorem/problem
14.8.2019	10	PKD	II	Bounds and intervals	Base theorem
	10	SMT	III	Interpolation with equal interval	Based theorem
16.8.2019	16	APS	I	Characteristics of a ring	Based theorem
	16	PKD	IV	Coplanar forces	Base theorem/problem
17.8.2019	17	APS	I	Division Ring	Base Theorem
	17	SMT	IV	Kinematics	Base theorem/problem
19.8.2019	18	APS	I		Class Teaching
	18	SMT	IV	Kinematics	Base theorem/problem
20.8.2019	11	PKD	II	Dedekind theory	Base theorem
	11	SMT	III	Interpolation with equal interval	Based theorem
21.8.2019	12	PKD	II	Bounds and interval	Base theorem
	12	SMT	III	Interpolation with unequal interval	Base theorem
22.8.2019	19	APS	I	Characteristics of a integral domain	Based theorem
	19	PKD	IV	Coplanar forces	Base theorem/problem
24.8.2019	20	APS	I	Sub ring	Based theorem
	20	PKD	IV	Coplanar forces	Base theorem/problem
26.8.2019	21	APS	I	subring	Based theorem
	21	SMT	IV	Interpolation	Base Theorem

27.8.2019	13	p.k.d	II		Test
	13	s.m.t	III	Interpolation with unequal interval	Base theorem
28.8.2019	14	PKD	II	Sequence	Definition / base theorem
	14	SMT	III	Interpolation with unequal interval	Based theorem/problem
29.8.2019	22	APS	I	Sub field	Based theorem
	22	PKD	IV	Coplanar forces	Base theorem/problem
30.8.2019	23	APS	I	Sub field	Based theorem
	23	SMT	IV	Kinematics	Base theorem/problem
2.9..2019	24	APS	I	Ideal	Based theorem
	24	SMT	IV	Kinematics	Base theorem/problem
3.9.2019	15	PKD	II	Sequence	Base theorem
	15	SMT	III	Interpolation	
4.9.2019	16	PKD	II	Sequence	B.W.P
	16	SMT	III		Class Teaching
5.9.2019	25	APS	I	Quotients ring	Based theorem
	25	PKD	IV	Virtual work	Base theorem/problem
6.9.2019	26	APS	I	Quotients ring	Based theorem
	26	PKD	IV	Virtual work	Base theorem/problem
7.9.2019	27	APS	I	Homomorphism of ring	Based theorem
	27	SMT	IV	Kinematics	Base theorem/problem
9.9.2019	17	PKD	II	Sequence	Base theorem
	17	SMT	III	Central difference interpolation	Based theorem/problem
11.9.2019	18	PKD	II	Sequence	Base Theorem
	18	SMT	III	Central difference interpolation	Based theorem/problem
13.9.2019	28	APS	I		Class Teaching
	28	PKD	IV	Kinematics	Based theorem /problem
14.9.2019	29	APS	I	Homomorphism of ring	Based theorem
	29	SMT	IV	Kinetics	Base theorem/problem
16.9.2019	30	APS	I	Homomorphism of ring	Based theorem
	30	SMT	IV	Kinetics	Base theorem/problem
17.9.2019	19	PKD	II	Sequence	Base theorem
	19	SMT	III	Central difference interpolation	Base theorem/problem
19.9.2019	20	PKD	II	Sequence	Base theorem

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	20	SMT	III	Solution of algebraic and transcendental equation	Base theorem/problem
20.9.2019	31	APS	I	Isomorphism of Ring	Base Theorem
	31	PKD	IV	Virtual work	Base theorem/problem
21.9.2019	32	APS	I	Isomorphism of ring	Base theorem
	32	PKD	IV		Class teaching
23.9.2019	33	APS	I	Properties of ring isomorphism	Base theorem
	33	SMT	IV	Kinetics	Base theorem/problem
24.9.2019	21	PKD	II	Limit and continuity	Base theorem
	21	SMT	III	Solution of algebraic and transcendental equation	Base theorem/problem
25.9.2019	22	PKD	II	Limit and continuity	Based theorem
	22	SMT	III	Solution of algebraic and transcendental equation	Base theorem/problem
26.9.2019	34	APS	I	Isomorphism of ring	Based theorem
	34	PKD	IV	Virtual work	Base theorem/problem
27.9.2019	35	APS	I	.theorem of homomorphism and isomorphism	based theorem
	35	SMT	IV	Kinetics	Base theorem/problem
30.9.2019	36	APS	I		test
	36	SMT	IV	Kinetics	Base theorem/problem
1.10.2019	23	PKD	II	Limit and continuity	Base theorem
	23	SMT	III	Solution of algebraic and transcendental equation	Base theorem/problem
3.10..2019	24	PKD	II	Differentiability	Base theorem
	24	SMT	III	Solution of algebraic and transcendental equation	Base theorem/problem
4.10.2019	37	APS	I	Polynomial ring	Introduction
	37	PKD	IV	Virtual work	Base theorem/problem
5.10.2019	38	APS	I	Polynomial ring	Based theorem
	38	PKD	IV	Virtual work	Base theorem/problem
12.10.2019	39	APS	I	Polynomial ring	Based theorem
	39	SMT	IV	Kinetics	Base theorem/problem
14.10.2019	25	PKD	II		Class teaching
	25	SMT	III	Numerical integration	Base theorem/problem
15.10.2019	26	PKD	II	Differentiability	Base theorem /problems
	26	SMT	III	Numerical integration	Base theorem/problem
16.10.2019	40	APS	I	Divisibility of ring	Based theorem
	40	PKD	IV	catenary	Base theorem/problem

17.10.2019	41	APS	I	Principal ideal ring	Based theorem
	41	PKD	IV	catenary	Base theorem/problem
18.10.2019	42	APS	I	Principal ring	Based theorem
	42	SMT	IV	Kinetics	Base theorem/problem
21.10.2019	27	PKD	II	Convergence of series	Based theorem
	27	SMT	III	Numerical integration	P.p .t class
22.10.2019	28	PKD	II	Convergence of series	Definition / problems P.p .t class
	28	SMT	III		test
23.10.2019	43	APS	I	Factorisation of integral domain	Based theorem
	43	PKD	IV	catenary	Base theorem/problem
30.10.2019	44	APS	I	Factorisation of integral domain	Based theorem
	44	SMT	IV	Kinetics	Base theorem/problem
31.10.2019	45	APS	I	Euclidean ring	Based theorem
	45	SMT	IV	catenary	Base theorem/problem
1.11.2019	29	PKD	II	Convergence of series	Based theorem
	29	SMT	III	Numerical integration	P.p .t class
4.11.2019	30	PKD	II	Convergence of series	Base theorem P.p .t class
	30	SMT	III	Numerical analysis	Based theorem
5.11.2019	46	APS	I		Class teaching
	46	PKD	IV	catenary	Base theorem/problem
6.11..2019	47	APS	I	Euclidean ring	Based theorem
	47	PKD	IV	catenary	Base theorem/problem
7.11.2019	48	APS	I	Vector space	Based theorem
	48	SMT	IV	Kinetics	Base theorem/problem
9.11.2019	31	PKD	II	Convergence of series	Base theorem P.p .t class
	31	SMT	III	Numerical integration	P.p .t class
11.11.2019	32	PKD	II	Convergence of series	Base theorem P.p .t class
	32	SMT	III	Numerical integration	Based theorem
13.11.2019	49	APS	I	Vector space	Based theorem
	49	PKD	IV	catenary	Base theorem/problem
14.11.2019	50	APS	I	Vector space	Based theorem
	50	SMT	IV		Class teaching

15.11.2019	33	PKD	II	Convergence of series	Base theorem P.p .t class
	33	SMT	III	Numerical integration	P.p .t class
16.11.2019	34	PKD	II	Convergence of series	P.p .t class
	34	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	P.p .t class
18.11.2019	51	APS	I	Vector space	Based theorem
	51	PKD	IV	catenary	Base theorem/problem
19.11.2019	52	APS	I	Vector space	Based theorem
	52	SMT	IV	Kinetics	Base theorem/problem
20.11.2019	53	APS	I	Vector subspace	Based theorem
	53	SMT	IV	Kinetics	Base theorem/problem
21.11.2019	35	PKD	II		CLASS TEACHING
	35	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	Base theorem/problem
22.11.2019	36	PKD	II	Convergence of series	Base theorem
	36	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	Base theorem/problem
23.11.2019	54	APS	I	Vector subspace	Based theorem P.p .t class
	54	PKD	IV	catenary	Base theorem/problem
25.11.2019	55	APS	I	Linear combination of vector Vector	Based theorem
	55	PKD	IV	catenary	Base theorem/problem
26.11.2019	56	APS	I	Linear combination of vectors	Based theorem P.p .t class
	56	SMT	IV	catenary	Based theorem
27.11.2019	37	PKD	II	Convergence of series	Base theorem
	37	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	Base theorem/problem
28.11.2019	38	PKD	II		test
	38	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	Base theorem/problem
29.11.2019	57	APS	I	Linear span	Based theorem P.p .t class
	57	PKD	IV	catenary	Base theorem/problem
30.11.2019	58	APS	I	Linear span	Based theorem P.p .t class
	58	PKD	IV	catenary	Base theorem/problem
2.12.2019	59	APS	I	Linear dependence	Based theorem
	59	SMT	IV	Kinetics	Base theorem/problem

3.12.2019	39	PKD	II	R .integration	Based theorem
	39	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	Base theorem/problem
7.12.2019	40	PKD	II	R-integration	Base theorem
	40	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	Base theorem/problem
9.12.2019	60	APS	I		Class teaching
	60	PKD	IV	Stable and unstable	Base theorem/problem
11.12.2019	61	APS	I	Based and dimension	Based theorem
	61	SMT	IV	Motion in resisting medium	Base theorem/problem
13.12.2019	62	APS	I	Linear dependence	Based problem P.p .t class
	62	SMT	IV	Motion in resisting medium	Base theorem/problem
14.12.2019	41	PKD	II	R-integration	Base theorem P.p .t class
	41	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	P.p .t class
16.12.2019	42	PKD	II	R-integration	Base theorem P.p .t class
	42	SMT	III	Numerical diff.	Based thorem
17.12.2019	63	APS	I	Bases and dimension	Based theorem P.p .t class
	63	PKD	IV	Stable and unstable	Base theorem/problem
18.12.2019	64	APS	I	Bases and dimension	Based theorem
	64	PKD	IV		Class teaching
20.12.2019	65	APS	I	Bases and dimension	Based thorem
	65	SMT	IV	Stable and unstable	Based theorem
21.12.2019	43	PKD	II	R-integration	Base theorem P.p .t class
	43	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	P.p .t class
23.12.2019	44	PKD	II	R-integration	Base theorem P.p .t class
	44	SMT	III	Numerical solution of ordinary differential eq. Numerical integration	P.p .t class
24..12.2019	66	APS	I		CLASS TEACHING
	66	PKD	IV	Stable and unstable	Base theorem/problem
26..12.2019	67	APS	I	Sum and direct sum of subspace and its dimension	Based theorem
	67	PKD	IV	Stable and unstable	Base theorem/problem
27.12.2019	68	APS	I	Sum and direct sum of subspace and its dimension	Based theorem
	68	SMT	IV		test

28.12.2019	69	APS	I	Sum and direct sum	Based theorem
	69	SMT	IV	Circular and harmonic motion	Base theorem/problem
30.12.2019	70	APS	I	Quotients space and its dimension	Based theorem
	70	PKD	IV	Stable and unstable	Base theorem/problem
31.12.2019	45	PKD	II	R-integration	Base theorem P.p .t class
	45	SMT	III	jacobians	P.p .t class
1.1.2020	46	PKD	II	R .integration	Based theorem
	46	SMT	III	jacobians	P.p .t class
2.1.2020	71	APS	I	Complementary subspace	Based theorem
	71	PKD	IV	Stable and unstable	Base theorem/problem
3.1.2020	72	APS	I	Linear transformation ,rank ,nullity	Based theorem P.p .t class
	72	SMT	IV	Circular and harmonic motion	Base theorem/problem
4.1.2020	73	APS	I		Class teaching
	73	SMT	IV	Circular and harmonic motion	Base theorem/problem
6.1.2020	47	PKD	II	R-integration	Base theorem P.p .t class
	47	SMT	III	jacobians	P.p .t class
7.1.2020	48	PKD	II	R-integration	Base theorem P.p .t class
	48	SMT	III	Maxima and minimum	P.p .t class
8.1.2020	74	APS	I	Linear transformation	Based theorem
	74	PKD	IV	Stable and unstable	Base theorem/problem
9.1.2020	75	APS	I	Characteristic equation	Based theorem
	75	PKD	IV	r Stable and unstable	Base theorem/problem
10.1.2020	76	APS	I	Characteristic equation	Based theorem
	76	SMT	IV	Circular and harmonic motion	Based theorem
11.1.2020	49	PKD	II		Class teaching
	49	SMT	III	Maxima and minimum	Based theorem
13.1.2020	50	PKD	II	R-integration	Base theorem P.p .t class
	50	SMT	III	Tayloy;s theorem	P.p .t class
16.1.2020	77	APS	I	Characteristic equation	Based theorem
	77	PKD	IV	Stable and unstable	Base theorem/problem
17.1.2020	78	APS	I	Cayley Hamilton theorem	Based theorem
	78	SMT	IV	Stable and unstable	Based theorem
18.1.2020	79	APS	I	Find inverse of matrix use of cayley Hamilton theorem	Based theorem
	79	SMT	IV	Circular and harmonic motion	Base theorem/problem

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