

Name of Faculty: Ms. NIKITA		
Discipline: All Branches		
year:- 1st		
Subject: Maths		
Lesson Plan Duration: 30 Weeks		
Week	Theory	
	Lecture	Topic
Week 1	Day 1	Brief introduction about equation and expression
	Day 2	study different formulas of expansion and factorization
	Day 3	take some problem (tutor)
	Day 4	check previous knowledge about fraction
	Day 5	tutor take some problem
Week 2	Day 6	introduction of partial fraction
	Day 7	resolve proper fraction by different methods
	Day 8	take problem on partial fraction
	Day 9	rest method to solve partial fraction
	Day 10	problem of the chapter partial fraction
Week 3	Day 11	check previous knowledge about number system
	day 12	introduction of complex number (about their real and imaginary part)
	day 13	problem
	day 14	and amplitude of complex number
	day 15	problem on complex number
Week 4	day 16	study about different basic rule for complex number
	day 17	problems on the chapter complex number
	day 18	check knowledge about surd , power for logarithms
	day 19	some basic definition and rule of logarithms
	day 20	problem on logarithms
Week 5	days 21	introduction of matrices and determinant
	days 22	evaluation of determinant using laplace
	days 23	problem on laplace method
	day 24	different basic rule on matrices and cramer;s rule
	day 25	problem n matrices and determinant
Week 6	days 26	study about permutation
	day 27	study about combination
	day 28	problem on permutation and combination
	day 29	conceptual study of binomial theorem
	day 30	problem on binomial theorem

Week 7	day 31	check previous knowledge about right angle triangle, angle
	day32	basic concept to measure angle in different form
	day33	take problem on concept of angle
	day 34	introduction of trigonometry ratios
	day 35	problem
Week 8	day36	sum formulas of trigonometry
	day 37	diffrence formulas of trigonometry
	day38	problem on sum and difference formul;as
	day39	product formuals of trigonometry
	day 40	problem on product formulas
Week 9	day 41	application trigonometry
	day 42	sum on application
	day 43	problems on the chapter trigonometry
	day 44	introduction of geometry (point distance formula)
	day 45	problem on distance formula
Week 10	Day 46	different method in point like mid point formula ,to find centroid and area of
	Day 47	problem on point
	day 48	concept of straight line (slope, etc.)
	Day 49	some of standard form like slope intercept, intrecept and one point form
	Day 50	problem
Week 11	Day 51	rest form of straight line
	Day 52	problem
	Day 53	general information about cirle and find equation by center and radius
	Day 54	find equation using coordinates
	Day 55	problem on circles
Week 12	Day 56	check prevoius knowledge about set, relation
	Day 57	defination of function and sum on them
	Day 58	problem on function
	Day 59	Introduction of limits
	Day 60	problems on limits
Week 13	Day 61	sums on standard form of limit
	Day 62	problem related limits
	Day 63	introduction of differentialfunction
	Day 64	standard formulas on algeraic terms
	Day 65	problems
Week 14	Day 66	formulas of trigonometric ratios
	Day 67	formulas on inverse trigonometric ration
	Day 68	tutor take some problem

	Day 69	formula on exponential and logarithmic problems
	Day 70	problem related formulas
Week 15	Day 71	differentiation of algebraic function
	Day 72	sum on algebraic formula
	Day 73	problem on algebraic function
	Day 74	sum on trigonometric function
	Day 75	problem
	Week 16	Day 76
Day 77		sum on inverse trigonometric formula
Day 78		solution on exponential function
Day 79		problem on exponential, trigonometric function
Day 80		differentiation of sum function
Week 17	Day 81	differentiate product function
	Day 82	differentiation of quotient function
	Day 83	problems on sum, product and quotient function
	Day 84	study about successive differentiation
	Day 85	problem on this chapter till now
Week 18	Day 86	sums on successive differentiation
	Day 87	problem on successive differentiation
	Day 88	introduction of application of differentiation
	Day 89	rate measures of differential calculus
	Day 90	problems on rate measure
Week 19	Day 91	study about maxima
	day 92	sums on maxima
	day 93	problem related maxima
	day 94	study about minima
	day 95	sums on minima
Week 20	day 96	problem on the chapter differentiation
	day 97	Introduction of integral problems
	day 98	to tell student about inverse operation of differentiation
	day 99	simple example on inverse operation
	day 100	problem related it
Week 21	days 101	study about simple standard integrals
	days 102	sum on standard integral
	days 103	problem related standard integral
	day 104	study about integration by parts
	day 105	problem related integration by parts
Week 22	days 106	introduction of definite integral

	day107	sum on definite integral
	day 108	problem on definite integral
	day109	definite integral for trigonometric ratio (sin) for the limit 0 to pie by 2
	day 110	problem on it
Week 23	day 111	evaluation for cos and product of both sin and cos
	day 112	problem on definite trigonometric ratio
	day 113	introduction of the application of integral
	day 114	evaluation of area under a curve
	day 115	problem on application
Week 24	day116	study of application using axis
	day 117	problem on definite integral
	day118	formula for trapezoidal rule
	day119	sum on trapezoidal rule
	day 120	problem on trapezoidal rule
Week 25	day 121	study of simpson;s 1/3 rule
	day 122	sum on simpson rule
	day 123	problem related simpson
	day 124	any kind of problem relate integral calculus
	day 125	introduction of differential equation
Week 26	Day 126	order , degree and linearity of differential equation
	Day 127	solution by using variable separation method
	day 128	problem on differential equation
	Day 129	introduction of statistics
	Day 130	study about central tendency mean
Week 27	Day 131	median and mode
	Day 132	problem on mean, mode and median
	Day 133	study about mean deviation using mean
	Day 134	sum on mean deviation using mean
	Day 135	problem related it
Week 28	Day 136	study about mean deviation, standard deviation using median
	Day 137	problem on measure of depression
	Day 138	study about correlation coefficient
	Day 139	study of rank correlation
	Day 140	problem on statistics