Lesson plan: 2019-2020

Lesson Plan:**Dr Kankon Bhattacherjee**
3rd Year Mathematics (HONS) : Examination-Part III -(I+I+I)system (New Regulation)

Hons

SEM	CC / DSE	UNIT	NO. of CLASSES	MARKS
1	1	2,3	45	60
2	3	2,3	40	53.3
3	7	1	40	53.3

Gen:

SEM	CC / DSE	UNIT	NO. of CLASSES	MARKS
1	1	4	20	25
2	2	3	10	15
3	3	2	25	30

			July to beginning of Puja Vacation				After Puja Vacation to Test Exam
Paper	**Module**	**Group**	***Article/ Topic***	Paper	Module	Group	***Article/ Topic***
V	**IX**	**A**	Analysis III **§ 3** -Riemann integrals. Fouriur Series ***No. of Lectures Required --20***	VII	XIII	A	Fouriur Series Double& triple integrals length ,Volume & areas ,Multiple integrals (arts ,2,3). ***No. of Lectures Required --10***
VIII	**XV**	**A**	Errors, interpolation& differentiation. Numerical integration , Solution of a system of equations. ***No. of Lectures Required --20***	VIII	XV	A	Solution of a non-linear requation, . Eigen –value problem Solution of ordinary differential equation. ***No. of LecturesRequired ----20***
				V	XI	A	Vector Analysis ***No. of Lectures Required --- 10***
VIII	**XVI**	**B**	Numerical Pratical-9problems ***No. of Lectures Required --18***	VIII	XVI	B	Numerical Pratical-11 problems ***No. of Lectures Required -----28***

Lesson Plan – Honours

Name: Dr. Dipanwita Paul Ghosh   **Department: Mathematics**

SEM	CC/DSE	UNIT	NO. of CLASSES	MARKS
1	2	1 - §2,3,4	21	28
2	4	1 - §1 (Definition of Group, elementary properties-rest) 3 – Normal Subgroup and its Properties	30	40

Year	Paper	Module	Topic	No. of lectures	Session
3 Hons	5	X	Linear Algebra II	5	July to Pre-Puja
		X	Modern Algebra III	5	post-Puja to Winter vacation.
	7	XIII	Complex analysis	10	July to Pre-Puja
	8	XV	Computer Programming	40	July to Pre-Puja
		XVI	Practical	30	post-Puja to Winter vacation.

Lesson Plan - General
Name: Dr. Dipanwita Paul Ghosh
Department: Mathematics

SEM	CC/DSE	UNIT	NO. of CLASSES	MARKS
1	1	1- §2,3	5	7.5

Year	Paper	Module	Group	Topic	No. of lectures	Session
3	4	VII	A - Elements of Computer Science And Programming	Boolean Algebra, Positional number system, Algorithm, Flow-chart	20	**July to Pre-Puja**
				FORTRAN	12	**post-Puja to Test examination)**

Lesson Plan – Honours

Name: DR. ANJANA BHATTACHARYYA
Department: MATHEMATICS

Hons:

SEM	CC / DSE	UNITS	NO. of Classes	MARKS
1	CC 2	UNIT 2 (Well Ordering Properties onwards) + UNIT 3	15 + 15	40
2	CC 3	UNIT 1	30	40
3	CC 5 + CC 6	UNIT 1 + UNIT 2	40 + 40	106.6

Gen:

SEM	CC / DSE	UNITS	NO. of Classes	MARKS
1	CC 1	UNIT 2	20	25
2	CC 2	UNIT 1 + UNIT 4 (Congruence)	15 + 15	38
3	CC 3	UNIT 3 (Fundamental theorem onwards)	17	20.4

Year	Paper	Module	Group	Topic	No. of lectures	Session
3 Hons	5	IX	A	Compactness in R, Function of bounded variation	20	July to Pre-Puja
		X	C	Laplace transformation and its applications in ordinary differential equations		
		IX	A	Sequence and Series of functions of a real variable	25	post-Puja to Test examination)
		X	C	Series solution at an ordinary point		
	6					July to Pre-Puja
						post-Puja to Test examination)
	7	XIII	A	Improper Integral- (a) Range of integration, (b) Tests of convergence	13	July to Pre-Puja
			B	Definition and examples of metric spaces		
		XIII	A	Convergence and working knowledge of Beta and Gamma function and their interrelation	10	post-Puja to Test examination)
			B	Subspace of a metric space and completeness of a metric space		
	8					July to Pre-Puja
						post-Puja to Test examination)

Lesson Plan - General
Name: DR. ANJANA BHATTACHARYYA
Department: MATHEMATICS

Year	Paper	Module	Group	Topic	No. of lectures	Session
3	4	V	B	Recurrence Relations and Generating Functions, Boolean Algebra	11	July to Pre-Puja
		V	B	Application of Congruences	17	post-Puja to Test examination)

Hons:

SEM	CC / DSE	UNIT	NO. of CLASSES	MARKS
1	1	G.D.	5	6.6
	2	2-§1,2	15	20
2	3	G.D.	5	6.6
	4	3 (After Normal Subgroup to rest)	15	20
3	6	2 - §1	14	18.7
	7	2 - §1,2(upto Gradient)	27	36

Gen:

SEM	CC /DSE	UNIT	NO. of CLASSES	MARKS
1	1	3	10	15
2	2	2	10	15
3	3	1	10	20

Year	Paper	Module	Topic	No. of lectures	Session
3 rd	7	XIV	A-Probability	40	July to Pre-Puja
			B-Statistics	35	Post-Puja to Winter vacation
	5	X	B-Tensor Calculus	15	Post-Winter Vacation to Test examination
	6	XI	B-Analytical Statics II	12	Post-Winter Vacation to Test examination

Lesson Plan: Pramod Lama

SEM	CC / DSE	UNIT	NO. of CLASSES	MARKS
1	1	2, 3	45	60
	2	1 - §1	9	12
2	3	2	30	40
	4	2	25	33.3
3	5	2	35	46.7
	6	1	35	46.7

SEM	CC / DSE	UNIT	NO. of CLASSES	MARKS
1	1	1 - §1	3	5
		4	20	25
2	2	4 - §1	6	7.5