



FOR GOD AND COUNTRY

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



TERM: PRE TEST

TEACHER'S NAME: Chaitali Roy, Siddhartha Bhattacharya, Sanjay Bhattacharya

Syllabus planning for the academic year 2018

Subject: Mathematics

CLASS: 12

SECTION: A1, A2, B, C, D

No. of working days: 73

No. of periods available: 52

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
APRIL	10	1. Algebra 2. Calculus	1. relation and mapping, function 2. limit, continuity and differentiability 3. determinants	SAQ related to the topics 1. relation and mapping, function 2. limit, continuity and differentiability 3. determinants	LAQ related to the topics 1. relation and mapping, function 2. limit, continuity and differentiability 3. determinants
JUNE	14	1. Algebra 2. calculus 3. Trigonometry 1 st project to be given on 12/06/2018	1. Determinant 2. Differentiation of 2 nd order 3. Rolle's and Lagrange's theorem	SAQ related to the topics 1. Determinant 2. Differentiation of 2 nd order 3. Rolle's and Lagrange's theorem	LAQ related to the topics 1. Determinant 2. Differentiation of 2 nd order 3. Rolle's and Lagrange's theorem
JULY	17 <u>Pre-Test</u> <u>Exam Begins</u> <u>on 26.07.18</u>	1. Applied calculus 2. vector 3. 3D geometry 1 st project to be submitted on 27/07/18 (last date)	1. Tangent, Normal, Maxima and Minima, Rate measure 2. Integration 3. Dot and cross product 4. Direction ratio and direction cosine	SAQ related to the topics 1. Tangent, Normal, Maxima and Minima, Rate measure 2. Integration 3. Dot and cross product 4. Direction ratio and direction cosine	LAQ related to the topics 1. Tangent, Normal, Maxima and Minima, Rate measure 2. Integration 3. Dot and cross product 4. Direction ratio and direction cosine
AUGUST	12	1. Calculus 2. Probability 3. 3D straight line 2 nd project to be given on 20/08/2018	1. Integration 2. Conditional probability 3. Straight line	SAQ related to the topics 1. Integration 2. Conditional probability 3. Straight line	LAQ related to the topics 1. Integration 2. Conditional probability 3. Straight line

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner

PRINCIPAL

Signature of Vice Principal
VICE PRINCIPAL

Submitted on : 24.01.2018

Signature of Teachers :

Chaitali Roy, Sanjay Bhattacharya, Siddhartha Bhattacharya

ACADEMIC CO-ORDINATOR

Signature of Academic Co-ordinator
27/1/18
St. Lawrence High School



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ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



TERM: SELECTION

TEACHER'S NAME Chaitali Roy, Siddhartha Bhattacharya, Sanjay Bhattacharya

Subject: Mathematics

CLASS: 12

SECTION: A1, A2, B, C, D

Syllabus planning for the academic year 2018

No. of working days: 77

No. of periods available: 42

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	15	1. Calculus 2. Applied Calculus 3. Statistics 4. LPP 2 nd project to be submitted on 10/09/2018	1. Definite integral, Limit of sum 2. Area under curve 3. Binomial distribution 4. LPP: formulation and solution using graphical method	SAQ related to the topics 1. Definite integral, Limit of sum 2. Area under curve 3. Binomial distribution 4. LPP: formulation and solution using graphical method	LAQ related to the topics 1. Definite integral, Limit of sum 2. Area under curve 3. Binomial distribution 4. LPP: formulation and solution using graphical method
OCTOBER	11	Revision	Revision of all chapters in Pre Test and Selection Exam	SAQ related to the topics	LAQ related to the topics
NOVEMBER	04 <u>Selection Exam Begins on 02.11.18</u>	Revision	Revision of all chapters in Pre Test and Selection Exam	SAQ related to the topics	LAQ related to the topics
DECEMBER					

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PRINCIPAL

Submitted on : 24.01.2018

Signature of Teachers :

Chaitali Roy, Sanjay Bhattacharya, Siddhartha Bhattacharya

VICE PRINCIPAL

ACADEMIC CO-ORDINATOR

[Signature]
24/1/18
St. Lawrence High School