



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution
27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019

TERM: First
planning for the academic year 2021

Subject: Statistics

CLASS: 12

TEACHERS' NAME: Sanjay Bhattacharya and Aparajita Mondal Syllabus

SECTION: ... A1,A2,D...
working days:-

No. of

60

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JULY First term starts on 5/07/21	Ch 13-Mathematics II Ch 14-Bivariate analysis	Differentiation, differential coefficient, Partial derivatives, Significance of derivatives, Determination of maximum and minimum of a function, locating point of inflection Simple correlation and regression, rank data and rank correlation, method of least squares	• Questions from exercise.	• Questions from exercise.
AUGUST	Ch 15-Random variable and its probability distribution Ch 16-Probability Function and some particular distribution till secB	Probability distribution, expectation and variance of a random variable , Bivariate probability distribution (discrete variable) Probability function, some discrete distribution	□ Questions from exercise.	□ Questions from exercise.
SEPTEMBER First term Examination begins on 16/09/2021	Ch 19-Time series analysis	Introduction, components, measurement of trend, Reduction of yearly trend equation to monthly, quarterly and half yearly trend equation	• Questions from exercise.	□ Questions from exercise.

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

Signature of Teacher :

PRINCIPAL

Aparajita Mondal Sanjay Bhattacharya

ACADEMIC CO-ORDINATOR:

Submitted on : 15/3/2021

VICE-PRINCIPAL:

15/3/2021

Signature of Teacher :
 PRINCIPAL _____



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution
 27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019



TERM: second term
 planning for the academic year 2021
 working days:- 72

Subject: Statistics

TEACHERS' NAME: Sanjay Bhattacharya and Aparajita Mondal Syllabus

CLASS: 12

SECTION: .. A1,A2,D.. No. of

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
OCTOBER second term begins on 1 st october	Ch 16 - Probability Function and some particular sec-C Project to be submitted on 25/10/2021	Some continuous distribution	<ul style="list-style-type: none"> • Questions from exercise. • Questions from exercise. 	<ul style="list-style-type: none"> • Questions from exercise. • Questions from exercise.
NOVEMBER	Ch-17 Sampling theory	Concept, different steps in a sample survey, types of population and types of sampling, Random sampling	<input type="checkbox"/> Questions from exercise.	<input type="checkbox"/> Questions from exercise.
DECEMBER	Ch 18- Statistical Inference	Point estimation, Testing of hypothesis	<input type="checkbox"/> Questions from exercise.	<input type="checkbox"/> Questions from exercise.
JANUARY	Ch- 20-Statistical quality control <i>Entire syllabus is completed.</i>	Technique of control charts, Control charts for mean, control charts for range, control charts for fraction defective, control charts for number defective	<ul style="list-style-type: none"> • Questions from exercise. 	<ul style="list-style-type: none"> • Questions from exercise.
FEBRUARY Second term exam begins on 17/02/2022	Revision	All the chapters	<input type="checkbox"/> Questions from exercise.	Clarification of doubts

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. Academic Co-ordinator

Submitted on : 15/3/21

Aparajita Mondal, Sanjay Bhattacharya

PRINCIPAL

Tanjayee Shetty - 18/3/21

VICE-PRINCIPAL